Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: <u>COMPU</u> Case No.: <u>22255</u> SAS No.: \_\_\_\_\_ SDG No.: <u>1624</u>

Matrix: (soil/water) SOIL Lab Sample ID: 421482

Sample wt/vol: 30.4 (g/mL) G Lab File ID: GH021482B04

Level: (low/med) LOW Date Received: 05/22/91

% Moisture: not dec. 13 dec. Date Extracted: 05/24/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/26/91

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

99-09-23-Nitroaniline	750	U
83-32-9Acenaphthene	370	U
51-28-52,4-Dinitrophenol	1500	U
51-28-52,4-Dinitrophenol	370	U
132-64-9Dibenzofuran	370	U
132-64-9Dibenzofuran 121-14-22,4-Dinitrotoluene 608-93-5Pentachlorobenzene	370	U
608-93-5Pentachlorobenzene	370	U
JI-59-8Z-Naphthvlamine	750	U
606-20-22,6-Dinitrotoluene	370	U
134-32-71-Naphthylamine	750	U
606-20-22,6-Dinitrotoluene 134-32-71-Naphthylamine 58-90-22,3,4,6-Tetrachlorophenol	750	U
34-66-2Diethylphthalate	370	U
297-97-2Zinophos	370	U
7005-72-34-Chlorophenyl-phenylether	370	U
36-73-7Fluorene	370	U
100-01-64-Nitroaniline	750	U
99-55-85-Nitro-o-toluidine	750	U
534-52-14,6-Dinitro-2-Methylphenol	1100	U
36-30-6N-Nitrosodiphenvlamine (1)	370	U
122-39-4Diphenvlamine	370	U
99-35-41,3,5-Trinitrobenzene	750	U
122-66-71,2-Diphenylhydrazine	370	U
52-44-2Phenacetin	370	U
101-55-34-Bromophenyl-phenylether	370	U
2303-16-4Diallate	370	U
50-51-5Dimethoate	370	U
118-74-1Hexachlorobenzene	370	U
92-67-14-Aminobiphenyl	370	U
23950-58-5Pronamide	370	U
37-86-5Pentachlorophenol	750	U
32-68-8Pentachloronitrobenzene	370	Ū
35-01-8Phenanthrene	380	1
120-12-7Anthracene	120	J
34-74-2Di-n-Butylphthalate	370	U

	91-80-5Methapyrilene	750	l U	l
	50-18-0Cyclophosphamide	1800	U	
	206-44-0Fluoranthene	370	Ū	
	92-87-5Benzidine	370	U	ĺ
	129-00-0Pyrene	370	U	
	60-11-7p-Dimethylaminoazobenzene	370	U	
	510-15-6Chlorobenzilate	370	U	ļ
	119-93-73,3'-Dimethylbenzidine	750 ·	U	
	85-68-7Butylbenzylphthalate	370	บ	
	53-96-32-Acetylaminofluorene	370	U	
	101-14-4Methylene-bis(2-chloroaniline	370	U	
	91-94-13,3'-Dichlorobenzidine	370	บ	
	119-90-43,3'-Dimethoxybenzidine	370	ט	
	56-55-3Benzo(a)Anthracene	520		
	218-01-9Chrysene	760		
	117-81-7bis(2-Ethylhexyl)Phthalate	370	U	
	117-84-0Di-n-Octyl Phthalate	370	U	
	205-99-2Benzo(b)Fluoranthene	1300	X	
	57-97-67,12-Dimethylbenzanthracene_	370	U	
	207-08-9Benzo(k)Fluoranthene	1300	X	
	50-32-8Benzo(a) Pyrene	590		
	56-49-53-Methylcholanthrene	. 370	U	l
-	224-42-0Dibenzo(a,j)acridine	370	U	
	193-39-5Indeno(1,2,3-cd)Pyrene	400		
	53-70-3Dibenz(a,h)Anthracene	180	J	
	191-24-2Benzo(g,h,i)Perylene	470		

(1) - Cannot be separated from Diphenylamine

### 1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Q

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: <u>COMPU</u> Case No.: <u>22255</u> SAS No.: \_\_\_\_\_ SDG No.: <u>2731</u>

Matrix: (soil/water) <u>SOIL</u> Lab Sample ID: <u>421502</u>

Sample wt/vol: 30.4 (g/mL) G Lab File ID: GD021502B04

Level: (low/med) LOW Date Received: 05/22/91

% Moisture: not dec. <u>15</u> dec. <u>Date Extracted: 05/24/91</u>

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/26/91

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 2.0

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

62-75-9----N-Nitrosodimethylamine 760 U 110-86-1-----Pyridine 760 U 97-63-2----Ethyl methacrylate 760 U 123-63-7-----Paraldehyde\_\_\_\_ 760 U 109-06-8----2-Picoline 1500 U 10595-95-6----Nitrosomethylethylamine 760 U 66-27-3-----Methyl methanesulfonate 760 U 108-95-2----Phenol 180 J 55-18-5----N-Nitrosodiethylamine U 760 62-50-0----Ethyl methanesulfonate U 760 62-53-3-----Aniline J 500 76-01-7----Pentachloroethane 760 U 111-44-4----bis(2-Chloroethyl) Ether 1500 U 95-57-8----2-Chlorophenol 760 U 541-73-1----1,3-Dichlorobenzene 760 U 100-44-7-----Benzyl chloride 760 U 106-46-7----1,4-Dichlorobenzene 760 U 100-51-6----Benzyl Alcohol 760 U 95-50-1----1,2-Dichlorobenzene U 760 95-48-7----2-Methylphenol U 760 39638-32-9----bis(2-Chloroisopropyl)Ether 760 U 108-39-4----3-Methylphenol 760 U 106-44-5----4-Methylphenol U 760 930-55-2----N-Nitrosopyrrolidine 760 U 59-89-2----N-Nitrosomorpholine 760 U 98-86-2----Acetophenone 760 U 621-64-7----N-Nitroso-Di-n-Propylamine 760 U 636-21-5----o-Toluidine hydrochloride U 760 67-72-1----Hexachloroethane 760 U 98-95-3----Nitrobenzene 760 U 100-75-4----N-Nitrosopiperidine 760 U 78-59-1-----Isophorone\_ 760 U 88-75-5----2-Nitrophenol 760 U 105-67-9----2,4-Dimethylphenol 760 IJ

(1) - Cannot be separated from Diphenylamine FORM I SV-4

108-70-31 2 5-Trichlorobenzone	760	. **
108-70-31,3,5-Trichlorobenzene 98-87-3Benzal chloride	760	U
65-85-0Benzoic Acid	760	Ü
111-91-1bis(2-Chloroethoxy)Methane	7600	U
120-92-2	760	U
120-83-22,4-Dichlorophenol	760	U
120-82-11,2,4-Trichlorobenzene	96	J
91-20-3Naphthalenc	97	J
106-47-84-Chloroaniline	760	U
87-65-02,6-Dichlorophenol_	1500	U
95-54-5o-Phenylenediamine	760	U
122-09-8dimethylphenylethylamine	760	U
1888-71-7Hexachloropropene	760	U
87-68-3Hexachlorobutadiene	760	U
87-61-61,2,3-Trichlorobenzene	760	U ·
98-07-7Benzotrichloride	1500	U
924-16-3N-Nitroso-di-n-butylamine	760	U
59-50-74-Chloro-3-Methylphenol	760	U
106-50-3P-Phenylenediamine	760	U
94-59-7Safrole	760	U
106-50-3m-Phenylenediamine	760	U
91-57-62-Methylnaphthalene	410	J
90-12-01-Methylnaphthalene	760	U
95-94-31,2,4,5-Tetrachlorobenzene	760	U
634-90-21,2,3,5-Tetrachlorobenzene	760	U
77-47-4Hexachlorocyclopentadiene	760	U
88-06-22,4,6-Trichlorophenol	1500	Ū
95-95-42,4,5-Trichlorophenol	1500	U.
120-58-1Isosafrole	1500	บ
91-58-72-Chloronaphthalene	760	บ
90-13-11-Chloronaphthalene	760	Ū
634-66-21,2,3,4-Tetrachlorobenzene	760	Ü
88-74-42-Nitroaniline	760	Ü
130-15-41,4-Naphthoquinone	1500	บ
100-25-41,4-Dinitrobenzene	1500	ט
131-11-3Dimethyl Phthalate	760	U
208-96-8Acenaphthylene	1700	J
and the state of t	1700	

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: <u>COMPU</u> Case No.: <u>22255</u> SAS No.: \_\_\_\_\_ SDG No.: <u>2731</u>

Matrix: (soil/water) SOIL Lab Sample ID: 421502

Sample wt/vol: 30.4 (g/mL) G Lab File ID: GD021502B04

Level: (low/med) LOW Date Received: 05/22/91

% Moisture: not dec. \_\_\_\_ dec. \_\_\_ Date Extracted: 05/24/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/26/91

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 2.0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG Q

99-09-2	3-Nitroaniline	1500	U	
83-32-9	Acenaphthene	760	U	
51-28-5	2,4-Dinitrophenol	3000	Ü	
100-02-7	4-Nitrophenol	760	U	
132-64-9	Dibenzofuran	760	u	
121-14-2	2.4-Dinitrotoluene	760	Ū	
608-93-5	Pentachlorobenzene	760	U	
91-59-8	2-Naphthylamine	1500	U	1
606-20-2	2,6-Dinitrotoluene	760	U	
			Ū	- 1
58-90-2	1-Naphthylamine	1500	U	
84-66-2	Diethylphthalate	760	U	
297-97-2	Zinophos	760	Ū	
7005-72-3	4-Chlorophenyl-phenylether	760	Ū	
86-73-7	Fluorene	150	J	
100-01-6	4-Nitroaniline	1500	Ū	
99-55-8	5-Nitro-o-toluidine	1500	U	
534-52-1	4,6-Dinitro-2-Methylphenol	2300	บ	
86-30-6	N-Nitrosodiphenylamine (1)	760	Ū	
122-39-4	Diphenylamine	760	Ū	
99-35-4	1,3,5-Trinitrobenzene		Ū	
122-66-7	1,2-Diphenylhydrazine	760	U	
62-44-2	Phenacetin	760	U	
101-55-3	4-Bromophenyl-phenylether	760	U	
	Diallate	760	U	
60-51-5	Dimethoate	760	u	
118-74-1	Hexachlorobenzene	760	Ū	
92-67-1	4-Aminobiphenyl	760	U	l
23950-58-5	Pronamide	760	U	
87-86-5	Pentachlorophenol	1500	U	
82-68-8	Pentachloronitrobenzene		U	
85-01-8	Phenanthrene	460	J	
	Anthracene	400	J	
	Di-n-Butylphthalate	760	U	and the same of th

(1) - Cannot be separated from Diphenylamine FORM I SV-2

1/87 Rev.

91-80-5Methapyrilene	1500	U
50-18-0Cyclophosphamide	• 3700	U
206-44-0Fluoranthene	1500	
92-87-5Benzidine	760	U
129-00-0Pyrene	2500	
60-11-7p-Dimethylaminoazobenzene	760	U
510-15-6Chlorobenzilate	760	U
119-93-73,3'-Dimethylbenzidine	1500	U
85-68-7Butylbenzylphthalate	760	U
53-96-32-Acetylaminofluorene	760	U
101-14-4Methylene-bis(2-chloroaniline		U
91-94-13,3'-Dichlorobenzidine	760	U
106-51-43,3'-Dimethoxybenzidine	760	U
56-55-3Benzo(a)Anthracene	1900	
218-01-9Chrysene	2400	
117-81-7bis(2-Ethylhexyl)Phthalate	760	U I
117-84-0Di-n-Octyl Phthalate	760	lu l
205-99-2Benzo(b) Fluoranthene	5500	x
57-97-67,12-Dimethylbenzanthracene_	80	J
207-08-9Benzo(k)Fluoranthene	5500	x
50-32-8Benzo(a) Pyrene	3800	
56-49-53-Methylcholanthrene	760	U
224-42-0Dibenzo(a,j)acridine	760	U
193-39-5Indeno(1,2,3-cd)Pyrene	1900	
53-70-3Dibenz(a,h)Anthracene	820	
191-24-2Benzo(g,h,i)Perylene	2900	
	200	1
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(1) - Cannot be separated from Diphenylamine

RNG090810

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: <u>COMPU</u> Case No.: <u>24105</u> SAS No.: \_\_\_\_\_ SDG No.: <u>429</u>

Lab Sample ID: 470170 Matrix: (soil/water) SOIL

Sample wt/vol: 30.4 (g/mL) G Lab File ID: GH070170C20

Date Received: 12/13/91 Level: (low/med) LOW

% Moisture: not dec. 18 dec. Date Extracted: 12/20/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/23/91

GPC Cleanup: (Y/N) N pH: \_\_\_ Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or	ug/Kg)	<u>UG/KG</u>	Q

62-75-9N-Nitrosodimethylamine	400 400 400 790 400 400 400 400	ממממ
110-86-1	400 400 400 790 400 400 400	ט ט ט
97-63-2Ethyl methacrylate  123-63-7Paraldehyde  109-06-8Picoline  10595-95-6Nitrosomethylethylamine  66-27-3Methyl methanesulfonate  55-18-5N-Nitrosodiethylamine  62-50-0Ethyl methanesulfonate  108-95-2Phenol  62-53-3Aniline  76-01-7Pentachloroethane  111-44-4bis(2-Chloroethyl)Ether  95-57-82-Chlorophenol  541-73-11,3-Dichlorobenzene  100-44-7Benzyl Chloride  106-46-71,4-Dichlorobenzene  100-51-6Benzyl Alcohol  95-50-11,2-Dichlorobenzene  95-48-7	400 400 790 400 400 400 400	ט ט
123-63-7	400 790 400 400 400 400	U U
109-06-82-Picoline 10595-95-6Nitrosomethylethylamine 66-27-3Methyl methanesulfonate 55-18-5N-Nitrosodiethylamine 62-50-0Ethyl methanesulfonate 108-95-2Phenol 62-53-3Aniline 76-01-7Pentachloroethane 111-44-4bis(2-Chloroethyl)Ether 95-57-82-Chlorophenol 541-73-11,3-Dichlorobenzene 100-44-7Benzyl Chloride 106-46-71,4-Dichlorobenzene 100-51-6Benzyl Alcohol 95-50-11,2-Dichlorobenzene 95-48-72-Methylphenol 108-60-1bis(2-Chloroisopropyl)Ether 108-39-43-Methylphenol 106-44-54-Methylphenol 930-55-2N-Nitrosopyrrolidine 99-89-2N-Nitrosomorpholine	790 400 400 400 400	U
10595-95-6Nitrosomethylethylamine 66-27-3Methyl methanesulfonate 55-18-5N-Nitrosodiethylamine 62-50-0Ethyl methanesulfonate 108-95-2Phenol 62-53-3Aniline 76-01-7Pentachloroethane 111-44-4bis(2-Chloroethyl)Ether 95-57-82-Chlorophenol 541-73-11,3-Dichlorobenzene 100-44-7Benzyl Chloride 106-46-71,4-Dichlorobenzene 100-51-6Benzyl Alcohol 95-50-11,2-Dichlorobenzene 95-48-72-Methylphenol 108-60-1bis(2-Chloroisopropyl)Ether 108-39-43-Methylphenol 106-44-5N-Nitrosomorpholine 98-86-2N-Nitrosomorpholine	400 400 400 400	1 -
66-27-3Methyl methanesulfonate	400 400 400	10
55-18-5N-Nitrosodiethylamine	400 400	U
62-50-0Ethyl methanesulfonate  108-95-2Phenol  62-53-3Phenol  76-01-7Pentachloroethane  111-44-4bis(2-Chloroethyl)Ether  95-57-82-Chlorophenol  541-73-11,3-Dichlorobenzene  100-44-7Benzyl Chloride  106-46-7	400	ט
108-95-2Phenol 62-53-3		Ū
76-01-7		ט
76-01-7	400	Ū
111-44-4bis(2-Chloroethyl)Ether  95-57-82-Chlorophenol  541-73-11,3-Dichlorobenzene  100-44-7Benzyl Chloride  106-46-71,4-Dichlorobenzene  100-51-6Benzyl Alcohol  95-50-11,2-Dichlorobenzene  95-48-72-Methylphenol  108-60-1bis(2-Chloroisopropyl)Ether  108-39-43-Methylphenol  106-44-5Methylphenol  930-55-2N-Nitrosopyrrolidine  59-89-2N-Nitrosomorpholine  98-86-2	400	U
95-57-82-Chlorophenol	790	Ü
541-73-11,3-Dichlorobenzene  100-44-7Benzyl Chloride  106-46-71,4-Dichlorobenzene  100-51-6Benzyl Alcohol  95-50-11,2-Dichlorobenzene  95-48-72-Methylphenol  108-60-1bis(2-Chloroisopropyl)Ether  108-39-43-Methylphenol  106-44-5	400	Ü
100-44-7	400	Ū
100-51-6Benzyl Alcohol	400	Ü
100-51-6Benzyl Alcohol	400	Ū
95-50-11,2-Dichlorobenzene	400	Ū
95-48-72-Methylphenol	400	Ū
108-60-1bis(2-Chloroisopropyl)Ether	400	Ū
108-39-43-Methylphenol	400	U
106-44-54-Methylphenol	400	Ū
930-55-2N-Nitrosopyrrolidine 59-89-2N-Nitrosomorpholine 98-86-2Acetophenone 621-64-7N-Nitroso-Di-n-Propylamine	400	U
59-89-2N-Nitrosomorpholine 98-86-2Acetophenone	400	Ū
98-86-2Acetophenone 621-64-7N-Nitroso-Di-n-Propylamine	400	U
621-64-7N-Nitroso-Di-n-Propylamine 636-21-5Toluidine hydrochloride	400	Ü
636-21-5o-Toluidine hydrochloride	400	Ū
	400	Ū
67-72-1Hexachloroethane	400	Ū
98-95-3Nitrobenzene	400	Ū
98-95-3Nitrobenzene 100-75-4Nitrosopiperidine	400	U
78-59-1Isophorone	400	U
88-75-52-Nitrophenol	400	Ū
105-67-92,4-Dimethylphenol	400	Ū

	108-70-31,3,5-Trichlorobenzene	400	U
	98-87-3Benzal Chloride	400	U.
	65-85-0Benzoic Acid	4000	U
	111-91-1bis(2-Chloroethoxy)Methane	400	U
	120-83-22,4-Dichlorophenol	400	U
	120-82-11,2,4-Trichlorobenzene	400	U
	91-20-3Naphthalene	400	U
	106-47-84-Chloroaniline	400	U
	87-65-02,6-Dichlorophenol	790	U
	95-54-5o-Phenylenediamine	400	U
	122-09-8dimethylphenylethylamine	400	U
	1888-71-7Hexachloropropene	400	U
	87-68-3Hexachlorobutadiene	400	U
	87-61-61,2,3-Trichlorobenzene	400	U
	98-07-7Benzotrichloride	790	U
	924-16-3N-Nitroso-di-n-butylamine	400	U
	59-50-74-Chloro-3-Methylphenol	400	U
	106-50-3P-Phenylenediamine	400	U
	94-59-7Safrole	400	U
	106-50-3m-Phenylenediamine	400	U
	91-57-62-Methylnaphthalene	400	U
	90-12-01-Methylnaphthalene	400	U
	95-94-31,2,4,5-Tetrachlorobenzene	400	U
	634-90-21,2,3,5-Tetrachlorobenzene	400	U
	77-47-4Hexachlorocyclopentadiene	400	U
	88-06-22,4,6-Trichlorophenol	790	U
	95-95-42,4,5-Trichlorophenol	790	U
	120-58-1Isosafrole	790	U
	91-58-72-Chloronaphthalene	400	U
	90-13-11-Chloronaphthalene	400	U
	634-66-21,2,3,4-Tetrachlorobenzene	400	U
	88-74-42-Nitroaniline	400	U
	130-15-41,4-Naphthoquinone	790	U
	100-25-41,4-Dinitrobenzene	790	U
	131-11-3Dimethyl Phthalate	400	U
	208-96-8Acenaphthylene	400	U
	606-20-22,6-Dinitrotoluene	400	U
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RNG090810

Lab Name: COMPUCHEM.RTP Contract: 500077

Matrix: (soil/water) SOIL Lab Sample ID: <u>470170</u>

30.4 (g/mL) G Sample wt/vol: Lab File ID: GH070170C20

Level: (low/med) LOW Date Received: 12/13/91

% Moisture: not dec. \_\_\_\_ dec. \_\_\_\_ Date Extracted: 12/20/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/23/91

GPC Cleanup: (Y/N) N pH: \_\_\_ Dilution Factor: 1.0

COMPOUND

CAS NO.

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

99-09-2----3-Nitroaniline\_\_\_ 790 U 83-32-9----Acenaphthene 400 U 51-28-5----2,4-Dinitrophenol\_ 1600 U 100-02-7----4-Nitrophenol 400 U 132-64-9-----Dibenzofuran\_ 400 U 121-14-2----2,4-Dinitrotoluene\_ 400 U 608-93-5----Pentachlorobenzene U 400 91-59-8----2-Naphthylamine 790 U 134-32-7----1-Naphthylamine 790 U 58-90-2----2,3,4,6-Tetrachlorophenol\_\_\_ U 790 84-66-2----Diethylphthalate\_\_\_\_ U 400 297-97-2----Zinophos\_ U 400 7005-72-3----4-Chlorophenyl-phenylether 400 U U 86-73-7-----Fluorene 400 790 100-01-6----4-Nitroaniline U 99-55-8----5-Nitro-o-toluidine U 790 122-66-7----1,2-Diphenylhydrazine\_ 400 U 534-52-1----4,6-Dinitro-2-Methylphenol\_ 1200 U 86-30-6----N-Nitrosodiphenylamine (1) 400 U 122-39-4-----Diphenylamine U 400 99-35-4----1,3,5-Trinitrobenzene\_ 790 U 62-44-2----Phenacetin 400 U 400 101-55-3----4-Bromophenyl-phenylether\_ U 2303-16-4----Diallate 400 U 60-51-5-----Dimethoate 400 U 118-74-1-----Hexachlorobenzene U 400 92-67-1----4-Aminobiphenyl\_\_\_\_ U 400 23950-58-5----Pronamide U 400 87-86-5----Pentachlorophenol 790 U 82-68-8-----Pentachloronitrobenzene\_ U 400 U 85-01-8-----Phenanthrene 400 U

(1) - Cannot be separated from Diphenylamine FORM I SV-2

84-74-2----Di-n-Butylphthalate\_\_\_\_

120-12-7-----Anthracene

91-80-5-----Methapyrilene\_

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U U

400

400

790

50-18-0Cyclophosphamide	1900	U
206-44-0Fluoranthene	400	U
92-87-5Benzidine	400	U
129-00-0Pyrene	400	U
60-11-7p-Dimethylaminoazobenzene_	400	U
510-15-6Chlorobenzilate	400	U
119-93-73,3'-Dimethylbenzidine	790	U
85-68-7Butylbenzylphthalate	400	U
53-96-32-Acatylaminofluorene	400	U
101-14-4Methylene-bis(2-Chloroanili		U
91-94-13,3'-Dichlorobenzidine	400	U
106-51-43,3'-Dimethoxybenzidine	400	U
56-55-3Benzo(a)Anthracene	400	U
117-81-7bis(2-Ethylhexyl) Phthalate	45	J
218-01-9Chrysene	400	U
117-84-0Di-n-Octyl Phthalate	400	U
205-99-2Benzo(b) Fluoranthene	400	U
57-97-67,12-Dimethylbenzanthracene	400	U
207-08-9Benzo(k) Fluoranthene	400	U
50-32-8Benzo(a) Pyrene	400	U
56-49-53-Methylchloranthrene	400	U
224-42-0Dibenzo(a,j)acridine		U
193-39-5Indeno(1,2,3-cd)Pyrene	400	U
53-70-3Dibenz(a,h)Anthracene	400	Ū
191-24-2Benzo(g,h,i)Perylene	400	U

<sup>(1) -</sup> Cannot be separated from Diphenylamine

Lab Name: COMPUCHEM.RTP Contract: 500077 RNG101012

Lab Code: <u>COMPU</u> Case No.: <u>24105</u> SAS No.: \_\_\_\_\_ SDG No.: <u>429</u>

Matrix: (soil/water) SOIL Lab Sample ID: 469617

Sample wt/vol: 30.2 (g/mL) G Lab File ID: GH069617C20

Date Received: 12/12/91 Level: (low/med) LOW

% Moisture: not dec. <u>16</u> dec. <u>Date Extracted: 12/20/91</u>

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/23/91

GPC Cleanup: (Y/N) N pH: \_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

		/ Ng/ <u>00/ No</u>	×
62-75-9	N-Nitrosodimethylamine	390	ט
110-86-1	Pyridine	390	Ü
97-63-2	Ethyl methacrylate	390	Ū
123-63-7	Paraldehyde	390	Ū
109-06-8	2-Dicoline	700	Ü
10595-95-6	Nitrosomethylethylamine	390	Ü
66-27-3	Methvl methanesulfonate	390	Ū
55-18-5	N-Nitrosodiethvlamine	390	Ū
62-50-0	Ethyl methanesulfonate	390	Ū
108-95-2	Phenol	390	Ū
62-53-3	Aniline	390	Ū
			Ū
111-44-4	bis(2-Chloroethyl)Ether	780	Ü
95-57-8	2-Chlorophenol	390	Ū
541-73-1	1.3-Dichlorobenzene	390	U
100-44-7	Benzyl Chloride	390	Ū
106-46-7	1,4-Dichlorobenzene	390	บ
100-51-6	Benzyl Alcohol	390	Ū
95-50-1	1,2-Dichlorobenzene	390	Ū
~~ ^~			Ū
108-60-1	bis(2-Chloroisopropyl)Ether	390	Ü
108-39-4	3-Methylphenol	390	Ü
		390	Ū
930-55-2	N-Nitrosopyrrolidine	390	Ū
59-89-2	N-Nitrosomorpholine	390	Ū
98-86-2	lcetonhenone	300	Ū
621-64-7	N-Nitroso-Di-n-Propylamine	390	Ū
636-21-5	o-Toluidine hydrochloride	390	U
67-72-1	Hexachloroethane	390	Ū
98-95-3	Nitrohenzene	390	Ū
100-75-4	N-Nitrosopiperidine	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	Ū
105-67-9	2,4-Dimethylphenol	390	Ū
	FORM I SV-1	1/87 R	ev.

108-70-31,3,5-Trichlorobenzene 98-87-3Benzal Chloride	390 390	บ บ
65-85-0Benzoic Acid	3900	U
111-91-1bis(2-Chloroethoxy)Methane	390	U
120-83-22,4-Dichlorophenol	390	U
120-82-11,2,4-Trichlorobenzene	390	U
91-20-3Naphthalene	390	U
106-47-84-Chloroaniline	390	U
87-65-02,6-Dichlorophenol	780	U
95-54-5o-Phenylenediamine	390	U
122-09-8dimethylphenylethylamine	390	U
1888-71-7Hexachloropropene	390	U
87-68-3Hexachlorobutadiene	390	U
87-61-61,2,3-Trichlorobenzene	390	U
98-07-7Benzotrichloride	780	U
924-16-3N-Nitroso-di-n-butylamine	390	U
59-50-74-Chloro-3-Methylphenol	390	U
106-50-3P-Phenylenediamine	390	U
94-59-7Safrole	390	U
106-50-3m-Phenylenediamine	390	U
91-57-62-Methylnaphthalene	390	U
90-12-01-Methylnaphthalene	390	U
95-94-31,2,4,5-Tetrachlorobenzene	390	U
634-90-21,2,3,5-Tetrachlorobenzene	390	U
77-47-4Hexachlorocyclopentadiene	390	U
88-06-22,4,6-Trichlorophenol	780	U
95-95-42,4,5-Trichlorophenol	780	U
120-58-1Isosafrole	780	U
91-58-72-Chloronaphthalene	390	U
90-13-11-Chloronaphthalene	390	U
634-66-21,2,3,4-Tetrachlorobenzene	390	U
88-74-42-Nitroaniline	390	U
130-15-41,4-Naphthoquinone	780	U
100-25-41,4-Dinitrobenzene	780	U
131-11-3Dimethyl Phthalate	390	U
208-96-8Acenaphthylene	390	U
606-20-22,6-Dinitrotoluene	390	U
•		

Lab Name: COMPUCHEM, RTP Contract: 500077 RNG101012

Lab Code: <u>COMPU</u> Case No.: <u>24105</u> SAS No.: \_\_\_\_\_ SDG No.: <u>429</u>

Matrix: (soil/water) SOIL Lab Sample ID: 469617

Sample wt/vol: 30.2 (g/mL) G Lab File ID: GH069617C20

Level: (low/med) LOW Date Received: 12/12/91

% Moisture: not dec. <u>16</u> dec. <u>Date Extracted: 12/20/91</u>

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/23/91

GPC Cleanup: (Y/N) N pH: \_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

99-09-23-Nitroaniline	780	U
83-32-9Acenaphthene	390	U
51-28-52,4-Dinitrophenol	1500	U
100-02-74-Nitrophenol	390	U
132-04-9Dibenzoruran	1 790	שׁ
121-14-22,4-Dinitrotoluene	390	U
608-93-5Pentachlorobenzene	390	U
91-59-82-Naphthylamine	780	U
134-32-71-Naphthylamine	780	U
58-90-22,3,4,6-Tetrachlorophenol	780	U
91-59-82-Naphthylamine 134-32-71-Naphthylamine 58-90-22,3,4,6-Tetrachlorophenol	390	U
297-97-2Zinophos	390	U
7005-72-34-Chlorophenvl-phenvlether	390	U
86-73-7Fluorene	390	U
luu-ul-b4-Nitroaniiine	780	U
99-55-85-Nitro-o-toluidine	780	U
122-66-71,2-Diphenylhydrazine	390	U
122-66-71,2-Diphenylhydrazine 534-52-14,6-Dinitro-2-Methylphenol 86-30-6N-Nitrosodiphenylamine (1)	1200	U
36-30-6N-Nitrosodiphenylamine (1)	390	U
122-39-4Diphenvlamine	390	U
39-35-41,3,5-Trinitrobenzene	780	U
52-44-2Phenacetin	390	U
101-55-34-Bromophenyl-phenylether	390	U
2303-16-4Diallate	390	U
50-51-5Dimethoate	390	Ū
118-74-1Hexachlorobenzene	390	Ū
92-67-14-Aminobiphenvl	390	U
23950-58-5Pronamide	390	Ū
37-86-5Pentachlorophenol	780	U
32-68-8Pentachloronitrobenzene	390	Ū
35-01-8Phenanthrene	390	U
L20-12-7Anthracene	390	U
34-74-2Di-n-Butylphthalate	390	U
91-80-5Methapyrilene	780	U

(1) - Cannot be separated from Diphenylamine FORM I SV-2

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ı	50-18-0Cyclophosphamide	1900	U
	206-44-0Fluoranthene	390	U
	92-87-5Benzidine	390	U
١	129-00-0Pyrene	44	J
	60-11-7p-Dimethylaminoazobenzene	390	U
	510-15-6Chlorobenzilate	390	U
١	119-93-73,3'-Dimethylbenzidine	780	Ŭ
1	85-68-7Butylbenzylphthalate	390	U
	53-96-32-Acetylaminofluorene	390	U
1	101-14-4Methylene-bis(2-Chloroaniline	390	U
	91-94-13,3'-Dichlorobenzidine	390	U
	106-51-43,3'-Dimethoxybenzidine	390	U
1	56-55-3Benzo(a) Anthracene	390	U
١	117-81-7bis(2-Ethylhexyl)Phthalate	340	J
١	218-01-9Chrysene	390	U
	117-84-0Di-n-Octyl Phthalate	390	U
	205-99-2Benzo(b)Fluoranthene	390	U
	57-97-67,12-Dimethylbenzanthracene	390	U
	207-08-9Benzo(k)Fluoranthene	390	<b>ט</b>
	50-32-8Benzo(a) Pyrene	390	U
	56-49-53-Methylchloranthrene	390	U
	224-42-0Dibenzo(a,j)acridine	390	U
	193-39-5Indeno(1,2,3-cd) Pyrene	390	<b>ט</b>
	53-70-3Dibenz (a, h) Anthracene	390	บ
	191-24-2Benzo(g,h,i) Perylene	390	บ
	222 2 201120 (3/11/2/2021		

(1) - Cannot be separated from Diphenylamine

RNG111012 Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: <u>COMPU</u> Case No.: <u>24105</u> SAS No.: \_\_\_\_\_ SDG No.: <u>429</u>

Matrix: (soil/water) SOIL Lab Sample ID: 470179

Sample wt/vol: 30.2 (g/mL) G Lab File ID: GH070179C20

Date Received: <u>12/13/91</u> Level: (low/med) LOW

% Moisture: not dec. <u>15</u> dec. <u>Date Extracted: 12/20/91</u>

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/23/91

GPC Cleanup: (Y/N) N pH: \_\_\_ Dilution Factor: 1.00

CAS	NO.	COMPOUND	(ug/L o	or u	lg/Kg)	<u>UG/KG</u>	Q
62-7	5-9	-N-Nitrosodimethyl	amine			390	   <sub>TT</sub>

CONCENTRATION UNITS:

	· · · · · · · · · · · · · · · · · · ·	
62-75-9N-Nitrosodimethylamine	390	U
	390	U
97-63-2Ethyl methacrylate	390	U
123-63-7Paraldehyde	390	U
109-06-82-Picoline	770	Ū
10595-95-6Nitrosomethylethylamine	390	Ū
66-27-3Methyl methanesulfonate	390	Ü
55-18-5N-Nitrosodiethylamine	390	Ü
62-50-0Ethyl methanesulfonate	390	Ū
108-95-2Phenol	390	Ū
62-53-3Aniline	390	Ū
76-01-7Pentachloroethane	390	Ū
111-44-4bis(2-Chloroethyl) Ether	770	U
95-57-82-Chlorophenol	390	Ū
541-/3-11,3-Dichloropenzene	390	U
100-44-7Benzyl Chloride	390	U
106-46-71.4-Dichlorobenzene	390	U
100-51-6Benzyl Alcohol 95-50-11,2-Dichlorobenzene	390	U
95-50-11,2-Dichlorobenzene	390	U
95-48-7bis(2-Chloroisopropyl)Ether_	390	U
108-60-1bis(2-Chloroisopropyl)Ether	390	Ū
108-39-43-Methylphenol	390	U
106-44-54-Methylphenol	390	Ū
930-55-2N-Nitrosopyrrolidine	390	Ū
59-89-2N-Nitrosomorpholine	390	Ū
98-86-2Acetophenone	390	U
621-64-7N-Nitroso-Di-n-Propylamine	390	Ū
636-21-5o-Toluidine hydrochloride	390	U
67-72-1Hexachloroethane	390	U
98-95-3Nitrobenzene	390	U
100-75-4N-Nitrosopiperidine	390	U
78-59-1Isophorone	390	Ū
88-75-52-Nitrophenol	390	U
105-67-92,4-Dimethylphenol	390	ט
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į	100 70 2	390	U
	108-70-31,3,5-Trichlorobenzene	390	U ·
	98-87-3Benzal Chloride 65-85-0Benzoic Acid	3900	U
	111-91-1bis(2-Chloroethoxy)Methane	3900	U
	111-91-1	390	Ü
	120-83-22,4-Dichlorophenol	390	ט
	120-82-11,2,4-Trichlorobenzene	390	ט
l	91-20-3Naphthalene	390	Ü
	87-65-02,6-Dichlorophenol	770	ט
l	95-54-5	770 390	ט
	122-09-8dimethylphenylethylamine	390	n n
		390	บ
	1888-71-7Hexachloropropene	390	บ
١	87-68-3Hexachlorobutadiene	390	บ
	87-61-61,2,3-Trichlorobenzene	770	ū
١	98-07-7Benzotrichloride		ט
l	924-16-3N-Nitroso-di-n-butylamine	390	บ
l	59-50-74-Chloro-3-Methylphenol	390	U
l	106-50-3P-Phenylenediamine	390	1 -
l	94-59-7Safrole	390	U
١	106-50-3m-Phenylenediamine	390	U
١	91-57-62-Methylnaphthalene	390	U
	90-12-01-Methylnaphthalene	390	U
l	95-94-31,2,4,5-Tetrachlorobenzene	390	U
l	634-90-21,2,3,5-Tetrachlorobenzene	390	U
١	77-47-4Hexachlorocyclopentadiene	390	U
	88-06-22,4,6-Trichlorophenol	770	U
l	95-95-42,4,5-Trichlorophenol	770	U
l	120-58-1Isosafrole	770	U
	91-58-72-Chloronaphthalene	390	U
	90-13-11-Chloronaphthalene	390	U
	634-66-21,2,3,4-Tetrachlorobenzene	390	U
١	88-74-42-Nitroaniline	390	U
	130-15-41,4-Naphthoquinone	770	ט
	100-25-41,4-Dinitrobenzene	770	U
	131-11-3Dimethyl Phthalate	390	U
	208-96-8Acenaphthylene	390	U
	606-20-22,6-Dinitrotoluene	390	U

RNG111012 Lab Name: COMPUCHEM, RTP Contract: 500077

Matrix: (soil/water) SOIL Lab Sample ID: 470179

Sample wt/vol: 30.2 (g/mL) G Lab File ID: GH070179C20

Level: (low/med) Low Date Received: 12/13/91

% Moisture: not dec. \_\_\_\_ dec. \_\_\_ Date Extracted: 12/20/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/23/91

GPC Cleanup: (Y/N) N pH: \_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:

(ug/L or ug/Kg) <u>UG/KG</u> Q CAS NO. COMPOUND

99-09-23-Nitroaniline	770	U	
83-32-9	300	Ū	l
51-28-52,4-Dinitrophenol	1500	U	
100-02-74-Nitrophenol	390	Ü	
132-64-9Dibenzofuran	390	Ü	
121-14-2 4-Dinitrotoluene	390	ט	
608-93-5Pentachlorobenzene	390	Ü	
91-59-82-Naphthylamine	770	Ü	
134-32-71-Naphthylamine	770	Ü	
58-90-22,3,4,6-Tetrachlorophenol	770	Ü	
84-66-2Diethylphthalate	390	Ü	
297-97-2Zinophos	390	Ü	
7005-72-34-Chlorophenyl-phenylether	390	U	
86-73-7Fluorene	390	Ü	
100-01-64-Nitroaniline	770	ט	
99-55-85-Nitro-o-toluidine	770	บ	
122-66-71 2-Diphenylhydrazine	390	ū	
122-66-71,2-Diphenylhydrazine	1200	U	
86-30-6N-Nitrosodiphenylamine (1)	390	ם	1
122-39-4Diphenylamine	390	ט	
99-35-41,3,5-Trinitrobenzene	770	U	
62-44-2Phenacetin	390	ū	
101-55-34-Bromophenyl-phenylether	390	U	
	390	Ü	
2303-16-4Diallate 60-51-5Dimethoate	390	U	
118-74-1Hexachlorobenzene	390	מ	
92-67-1	1	ט	
92-67-14-Aminobiphenyl	390	1 -	
27-96-5	390	U	
87-86-5Pentachlorophenol	770	U	
82-68-8Pentachloronitrobenzene	390	ū	
85-01-8Phenanthrene 120-12-7Anthracene	40	J	
84-74-2Di-n-Butylphthalate	390	U	-
01-20-5	390 770	U	
91-80-5Methapyrilene	//0	١٥	
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(1) - Cannot be separated from Diphenylamine

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50-18-0Cyclophosphamide	1900	U
206-44-0Fluoranthene	56	J
92-87-5Benzidine	390	U
129-00-0Pyrene	78	J
60-11-7p-Dimethylaminoazobenzene	390	U
510-15-6Chlorobenzilate	390	U
119-93-73,3'-Dimethylbenzidine	770	U
85-68-7Butylbenzylphthalate	390	U
53-96-32-Acetylaminofluorene	390	U
101-14-4Methylene-bis(2-Chloroaniline	390	U
91-94-13,3'-Dichlorobenzidine	390	U
106-51-43,3'-Dimethoxybenzidine	390	U
56-55-3Benzo(a) Anthracene	390	U
117-81-7bis(2-Ethylhexyl)Phthalate	260	J
218-01-9Chrysene	50	J
117-84-0Di-n-Octyl Phthalate	390	U
205-99-2Benzo(b) Fluoranthene	60	JX
57-97-67,12-Dimethylbenzanthracene_	390	U
207-08-9Benzo(k) Fluoranthene	60	JX
50-32-8Benzo(a) Pyrene	390	บ
56-49-53-Methylchloranthrene	390	U
224-42-0Dibenzo(a,j)acridine	390	U
193-39-5Indeno(1,2,3-cd)Pyrene	390	U
53-70-3Dibenz(a,h)Anthracene	390	U
191-24-2Benzo(g,h,i) Perylene	390	U

(1) - Cannot be separated from Diphenylamine

#### 1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: COMPUCHEM,RTP Contract: 500077

Matrix: (soil/water) SOIL Lab Sample ID: 582454

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH082454B15

Level: (low/med) LOW Date Received: 10/08/93

% Moisture: not dec. \_\_\_\_ dec. \_\_\_ Date Extracted: 10/12/93

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/04/93

GPC Cleanup: (Y/N) N pH: \_\_\_\_ Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

		// Ng/ <u>00/ NG</u>	*
62-75-9	N-Nitrosodimethylamine	820	U
			U
97-63-2	Fthyl methacrylate	31	U
123-63-7	Paraldehyde	450	U
109-06-8	2-Picoline	1500	U
10595-95-6	2-PicolineNitrosomethylethylamineMethyl methanesulfonate	680	U
66-27-3	Methyl methanesulfonate	880	U
100-05-2	Dhenel	160	J
55-18-5	N-Nitrosodiethylamine	750	U
62-50-0	Ethyl methanesulfonate	750	U
62-53-3	Aniline	700	U
76-01-7	Pentachloroethane	1000	U
111-44-4	bis(2-Chloroethyl)Ether	740	U
95-57-8	2-Chlorophenol	790	U
541-73-1	1,3-Dichlorobenzene	640	U
100-44-7	Benzyl Chloride	720	U
106-46-7	1,4-Dichlorobenzene	650	U
100-51-6	Benzyl Alcohol	690	U
95-50-1	1,2-Dichlorobenzene	740	U
		700	U
56-57-5	1,3-Dinitrobenzene	6000	U
465-73-6	Isodrin	1200	U
95-48-7	2-Methylphenol	810	U
52-85-7	Famphur	2500	Ū
108-60-1	bis(2-Chloroisopropyl)Ether	810	U
	3-Methylphenol	1600	U
106-44-5	4-Methylphenol	1600	U
930-55-2	N-Nitrosopyrrolidine	660	U
59-89-2	N-Nitrosomorpholine	940	U
98-86-2	Acetophenone	820	Ū
621-64-7	N-Nitroso-Di-n-Propylamine	760	Ū
636-21-5	o-Toluidine hydrochloride	2500	U
67-72-1	Hexachloroethane	750	U
98-95-3	Nitrobenzene	850	U
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100-75-4N-Nitrosopiperidine	920	١u
78-59-1Isophorone	850	U
88-75-52-Nitrophenol	780	Ü
105-67-92,4-Dimethylphenol	760	Ü
108-70-31,3,5-Trichlorobenzene	760	Ū
98-87-3Benzal Chloride	660	ľū
65-85-0Benzoic Acid	2400	Ū
111-91-1bis(2-Chloroethoxy) Methane	840	u
120-83-22,4-Dichlorophenol	690	U
120-82-11,2,4-Trichlorobenzene	690	U
91-20-3Naphthalene	57	J
106-47-84-Chloroaniline	860	U
87-65-02,6-Dichlorophenol	1500	U
1888-71-7Hexachloropropene	710	U
87-68-3Hexachlorobutadiene	700	U
87-61-61,2,3-Trichlorobenzene	750	U
98-07-7Benzotrichloride	780	U
924-16-3N-Nitroso-di-n-butylamine	1800	U
59-50-74-Chloro-3-Methylphenol	940	U
94-59-7Safrole	720	U
126-68-1Triethylphosphorothicate	6600	Ū
91-57-62-Methylnaphthalene	1000	U.
90-12-01-Methylnaphthalene	1400	U
95-94-31,2,4,5-Tetrachlorobenzene	1600	U
634-90-21,2,3,5-Tetrachlorobenzene	1600	U
77-47-4Hexachlorocyclopentadiene	820	U
88-06-22,4,6-Trichlorophenol	1600	U
95-95-42,4,5-Trichlorophenol	1600	U
120-58-1Isosafrole	1600	U
91-58-72-Chloronaphthalene	1200	U
90-13-11-Chloronaphthalene	1500	U
634-66-21,2,3,4-Tetrachlorobenzene	800	U
88-74-42-Nitroaniline	1400	U
130-15-41,4-Naphthoquinone	2000	U
131-11-3Dimethyl Phthalate	1200	U
208-96-8Acenaphthylene	140	J
606-20-22,6-Dinitrotoluene	940	U
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#### 1C SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

 Lab Name:
 COMPUCHEM,RTP
 Contract:
 500077

 Lab Code:
 COMPU
 Case No.:
 27893
 SAS No.:
 SDG No.:
 02

 Matrix:
 (soil/water)
 SOIL
 Lab Sample ID:
 582454

 Sample wt/vol:
 30.0
 (g/mL)
 G
 Lab File ID:
 GH082454B15

 Level:
 (low/med)
 LOW
 Date Received:
 10/08/93

 % Moisture:
 not dec.
 20
 dec.
 Date Extracted:
 10/12/93

 Extraction:
 (SepF/Cont/Sonc)
 SONC
 Date Analyzed:
 11/04/93

 GPC Cleanup:
 (Y/N)
 N
 pH:
 Dilution Factor:
 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

	3-Nitroaniline	860	ע
	Acenaphthene	820	U
51-28-5	2,4-Dinitrophenol	2100	ט
	4-Nitrophenol	5600	ט
	Dibenzofuran	860	U
121-14-2	2,4-Dinitrotoluene	820	U
	Pentachlorobenzene	820	U
	2-Naphthylamine	1100	U
134-32-7	1-Naphthylamine	1800	U
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U
84-66-2	Diethylphthalate	900	U
297-97-2	Zinophos	840	U
7005-72-3	4-Chlorophenyl-phenylether	750	U
86-73-7	Fluorene	62	J
100-01-6	4-Nitroaniline	1400	U
99-55-8	5-Nitro-o-toluidine	1200	Ū
122-66-7	1,2-Diphenylhydrazine	860	Ū
534-52-1	4,6-Dinitro-2-Methylphenol	2200	U
86-30-6	N-Nitrosodiphenylamine (1)	1800	U
122-39-4=	Diphenylamine	1800	U
99-35-4	1,3,5-Trinitrobenzene	1100	U
62-44-2- <del></del>	Phenacetin	760	Ū
101-55-3	4-Bromophenyl-phenylether	940	U
	Diallate	820	U
60-51-5	Dimethoate	820	Ū
118-74-1	Hexachlorobenzene	960	U
92-67-1	4-Aminobiphenyl	510	U
	Pronamide	810	U
	Pentachlorophenol	1800	U
	Pentachloronitrobenzene	800	U
	Phenanthrene	650	J
	Anthracene	93	J
	Di-n-Butylphthalate	97	J
	Methapyrilene	1600	U

(1) - Cannot be separated from Diphenylamine FORM I SV-2

50-18-0	Cyclophosphamide	790	U
	Fluoranthene	760	J
	Benzidine	2000	U
129-00-0	Pyrene	890	J
140-57-8		820	U
60-11-7	p-Dimethylaminoazobenzene	840	Ū
510-15-6	Chlorobenzilate	890	U
119-93-7	3,3'-Dimethylbenzidine	1200	U
	Butylbenzylphthalate	850	U
53-96-3	2-Acetylaminofluorene	890	U
101-14-4	Methylene-bis(2-Chloroaniline	560	U
91-94-1	3,3'-Dichlorobenzidine	620	U
106-51-4	3,3'-Dimethoxybenzidine	1200	U
56-55-3	Benzo(a) Anthracene	520	J
218-01-9	Chrysene	610	J
	bis(2-Ethylhexyl)Phthalate	940	U
117-84-0	Di-n-Octyl Phthalate	600	U
205-99-2	Benzo(b) Fluoranthene	910	JX
	7,12-Dimethylbenzanthracene	510	U
207-08-9	Benzo(k)Fluoranthene	910	JX
50-32-8	Benzo(a) Pyrene	500	J
56-49-5	3-Methylchloranthrene	760	U
224-42-0	Dibenzo(a,j)acridine	510	U
193-39-5	Indeno(1,2,3-cd)Pyrene	200	J
53-70-3	Dibenz(a,h)Anthracene	540	U
191-24-2	Benzo(g,h,i)Perylene	120	J
			l

(1) - Cannot be separated from Diphenylamine

## SECTION 5

## PESTICIDES/PCB ANALYSIS - SOIL

- RN1AB1820 Soil sample from Soil Boring NS-1A at 18-20 feet.
- RN2AB1820 Soil sample from Soil Boring NS-2A at 18-20 feet.
- RN05B0204 Soil sample from Soil Boring NS-5 at 2-4 feet.
- RN06B0406 Soil sample from Soil Boring NS-6 at 4-6 feet.
- RN08B1214 Soil sample from Soil Boring NS-8 at 12-14 feet.
- RN09B1214 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-9 at 12-14 feet.
- RN09B1416 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-9 at 14-16 feet.
- RN10B1012 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-10 at 10-12 feet.
- RNS-DPA1 Soil sample from Soil Boring NS-10 converted to Groundwater Monitoring Well NS-10 at 10-12 feet (Duplicate).
- RN12B1416 Soil sample from Soil Boring NS-12 at 14-16 feet.
- RN13B1416 Soil sample from Soil Boring NS-13 at 14-16 feet.
- RN14B1214 Soil sample from Soil Boring NS-14 at 12-14 feet.
- RNRB60002 Soil sample from Soil Boring RB-6 at 0-2 feet.
- RNRB60204 Soil sample from Soil Boring RB-6 at 2-4 feet.
- RNRB70002 Soil sample from Soil Boring RB-7 at 0-2 feet.
- RNRB70204 Soil sample from Soil Boring RB-7 at 2-4 feet.
- NS-24 Surficial soil sample from location NS-24.



## APPENDIX VIII, IX - PESTICIDES, METHOD 8080 RESULTS REPORTED ON DRY WEIGHT BASIS (Page 1)

SAMPLE IDENTIFIER: RN1AB1820 COMPUCHEM SAMPLE NUMBER: 422062

DRY WEIGHT FACTOR: 1.15

		CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
	4,4'-DDD	BDL	3.9
	4,4'-DDE	BDL	3.9
	4,4'-DDT	BDL	3.9
	ALDRIN	BDL	1.1
	CHLORDANE	BDL	4.5
	DIELDRIN	BDL	1.7
	ENDOSULFAN I	BDL	1.7
	ENDOSULFAN II	BDL	3.9
	ENDOSULFAN SULFATE	BDL	2.2
	ENDRIN	BDL	2.8
	ENDRIN ALDEHYDE	BDL	1.1
	HEPTACHLOR	BDL	1.1
	HEPTACHLOR EPOXIDE	BDL	1.1
	KEPONE	BDL	1.1
	p,p'-HETHOXYCHLOR	BDL	3.9
	PCB-1016	BDL	22
	PCB-1221	BDL	22
	PCB-1232	BDL	22
	PCB-1242	BDL	22
	PCB-1248	BDL	22
	PCB-1254	19000	22
	PCB-1260	BDL	22
	TOXAPHENE	BDL	22
	ALPHA-BHC	BDL	1.1
	BETA-BHC	BDL	1.1
	DELTA-BHC	BDL	1.1
27P.	GAMMA-BHC (Lindane)	BDL	1.1

# BDL= BELOW DETECTION LIMIT

<sup>+</sup> Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.



# APPENDIX VIII, IX - PESTICIDES, METHOD 8080 RESULTS REPORTED ON DRY WEIGHT BASIS (Page 1)

SAMPLE IDENTIFIER: RN2AB1820 COMPUCHEM SAMPLE NUMBER: 463034 DRY WEIGHT FACTOR: 1.55

		CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1P.	4,4'-DDD	BDL	27
	4,4'-DDE	BDL	27
	4,4'-DDT	BDL	27
	ALDRIN	BDL	7.6
5P.	CHLORDANE	BDL	30
6P.	DIELDRIN	BDL	11
7P.	ENDOSÜLFAN I	BDL	11
8P.	ENDÓSULFAN II	BDL	27
9P.	ENDOSULFAN SULFATE	BDL	15
10P.	ENDRIN	BDL	19
11P.	ENDRIN ALDEHYDE	BDL	7.6
12P.	HEPTACHLOR	BDL	7.6
13P.	HEPTACHLOR EPOXIDE	BDL	7.6
14P.	KEPONE	BDL	7.6
15P.	p,p'-HETHOXYCHLOR	BDL	27
16P.	PCB-1016	BDL	150
17P.	PCB-1221	BDL	150
18P.	PCB-1232	BDL	150
19P.	PCB-1242	BDL	150
20P.	PCB-1248	BDL	150
21P.	PCB-1254	24000	150
22P.	PCB-1260	BDL	150
23P.	TOXAPHENE	BDL	150
24P.	ALPHA-BHC	BDL	7.6
25P.	BETA-BHC	BDL	7.6
26P.	DELTA-BHC	BDL	7.6
27P.	GAMMA-BHC (Lindane)	BDL	7.6

#### BDL= BELOW DETECTION LIMIT

<sup>+</sup> Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.



# APPENDIX VIII, IX - PESTICIDES, METHOD 8080 RESULTS REPORTED ON DRY WEIGHT BASIS (Page 1)

SAMPLE IDENTIFIER: RN05B0204
COMPUCHEM SAMPLE NUMBER: 421748
DRY WEIGHT FACTOR: 1.09

		CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1P.	4,4'-DDD	BDL	3.8
2P.	4,4'-DDE	BDL	3.8
3P.	4,4'-DDT	BDL	3.8
4P.	ALDRIN	BDL	1.1
5P.	CHLORDANE	BDL	4.3
6P.	DIĘĽDRIN	BDL	1.6
7P.	ENDOSULFAN I	BDL	1.6
8P.	ENDOSULFAN II	BDL	3.8
9P.	ENDOSULFAN SULFATE	BDL	2.2
10P.	ENDRIN	BDL	2.7
11P.	ENDRIN ALDEHYDE	BDL	1.1
12P.	HEPTACHLOR	BDL	1.1
13P.	HEPTACHLOR EPOXIDE	BDL	1.1
14P.	KEPONE	BDL	1.1
15P.	p,p'-HETHOXYCHLOR	BDL	3.8
16P.	PCB-1016	BDL	22
17P.	PCB-1221	BDL	22
18P.	PCB-1232	BDL	22
19P.	PCB-1242	BDL	22
20P.	PCB-1248	BDL	22
21P.	PCB-1254	19000	22
22P.	PCB-1260	BDL	22
23P.	TOXAPHENE	BDL	22
24P.	ALPHA-BHC	BDL	1.1
25P.	BETA-BHC	BDL	1.1
26P.	DELTA-BHC	BDL	1.1
27P.	GAMMA-BHC (Lindane)	BDL	1.1

# BDL= BELOW DETECTION LIHIT

<sup>+</sup> Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.



# APPENDIX VIII, IX - PESTICIDES, METHOD 8080 RESULTS REPORTED ON DRY WEIGHT BASIS (Page 1)

SAMPLE IDENTIFIER: RN06B0406

COMPUCHEN SAMPLE NUMBER:

463048

DRY WEIGHT FACTOR:

1.15

		CONCENTRATION (ug/kg)	DETECTION + LIHIT (ug/kg)
1P.	4,4'-DDD	BDL	200
2P.	4,4'-DDE	BDL	200
3P.	4,4'-DDT	BDL	200
4P.	ALDRIN	BDL	57
5P.	CHLORDANE	BDL	230
6P.	DIELDRIN	BDL	85
7P.	ENDOSULFAN I	BDL	85
8P.	ENDÓSULFAN II	BDL	200
9P.	ENDOSULFAN SULFATE	BDL	110
10P.	ENDRIN	BDL	140
11P.	ENDRIN ALDEHYDE	BDL	57
12P.	HEPTACHLOR	BDL	57
13P.	HEPTACHLOR EPOXIDE	BDL	57
14P.	KEPONE	BDL	57
15P.	p,p'-HETHOXYCHLOR	BDL	200
16P.	PCB-1016	BDL	1130
	PCB-1221	BDL	1130
	PCB-1232	BDL	1130
	PCB-1242	BDL	1130
	PCB-1248	BDL	1130
	PCB-1254	330000	1130
	PCB-1260	BDL	1130
23P.	TOXAPHENE	BDL	1130
	ALPHA-BHC	BDL	57
	BETA-BHC	BDL	57
26P.	DELTA-BHC	BDL	57
27P.	GAMMA-BHC (Lindane)	BDL	57

## BDL= BELOW DETECTION LIMIT

<sup>+</sup> Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.



# APPENDIX VIII, IX - PESTICIDES, METHOD 8080 RESULTS REPORTED ON DRY WEIGHT BASIS (Page 1)

SAMPLE IDENTIFIER: RN08B1214
COMPUCHEN SAMPLE NUMBER: 421510
DRY WEIGHT FACTOR: 1.35

	CONCENTRATION (ug/kg)	DETECTION + LIHIT (ug/kg)
1P. 4,4'-DDD	BDL	240
2P. 4,4'-DDE	BDL	240
3P. 4,4'-DDT	BDL	240
4P. ALDRIN	$\mathtt{BDL}$	67
5P. CHLORDANE	BDL	270
6P. DIELDRIN	BDL	100
7P. ENDOSULFAN I	BDL	100
8P. ENDOSULFAN II	BDL	240
9P. ENDOSULFAN SULFATE	BDL	130
10P. ENDRIN	BDL	170
11P. ENDRIN ALDEHYDE	BDL	67
12P. HEPTACHLOR	BDL	67
13P. HEPTACHLOR EPOXIDE	BDL	67
14P. KEPONE	BDL	67
15P. p,p'-HETHOXYCHLOR	BDL	240
16P. PCB-1016	BDL	1350
17P. PCB-1221	BDL	1350
18P. PCB-1232	BDL	1350
19P. PCB-1242	BDL	1350
20P. PCB-1248	BDL	1350
21P. PCB-1254	1100000	1350
22P. PCB-1260	BDL	1350
23P. TOXAPHENE	BDL	1350
24P. ALPHA-BHC	BDL	67
25P. BETA-BHC	BDL	67
26P. DELTA-BHC	BDL	67
27P. GAMMA-BHC (Lindane)	BDL	67

BDL= BELOW DETECTION LIMIT

<sup>+</sup> Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.



# APPENDIX VIII, IX - PESTICIDES, METHOD 8080 PESULTS REPORTED ON DRY WEIGHT BASIS (Page 1)

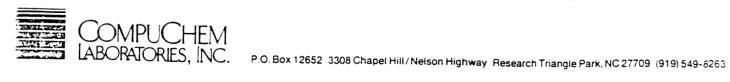
MPLE IDENTIFIER: RN09B1214
CMACCUTH SAMPLE NUMBER: 422520

WEIGHT FACTOR: 1.28

		CONCENTRATION (ug/kg)	DETECTION + LINIT (ug/kg)
)1°.	4,41-100	BDL	4.4
	4,4'-DDE	BDL	4.4
3P.	4,4'-DDT	BDL	4.4
	ALDRIN	BDL	1.3
	CHLORDANE	BDL	5
	DIELDRIN	BDL	1.9
	ENDOSULFAN I	BDL	1.9
	ENDÓSULFAN II	BDL	4.4
	ENDOSULFAN SULFATE	BDL	2.5
	ENDRIN	BDL	3.1
	ENDRIN ALDEHYDE	BDL	1.3
	HEPTACHLOR	BDL	1.3
	HEPTACHLOR EPOXIDE	BDL	1.3
	KEPONE	BDL	1.3
	p,p'-HETHOXYCHLOR	BDL	4.4
	PCB-1016	BDL	25
	PCB-1221	BDL	25
	PCB-1232	BDL	25
	PCB-1242	BDL	25
	PCB: 1240	BDL	25
	PCB-1254	BDL	25
	PCB-1260	160	25
	TOYAPHENF	BDL	25
	ALPHA-BHC	BDL	1.3
	BETA-BHC	BDL	1.3
	DELTA-BHC	BDL	1.3
27P.	GAMMA-BHC (Lindane)	BDL	1.3

BDL= BELOW DETECTION LIMIT

<sup>+</sup> Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.



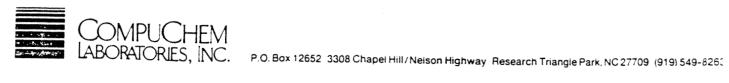
# APPENDIX VIII, IX - PESTICIDES, METHOD 8080 RESULTS REPORTED ON DRY WEIGHT BASIS (Page 1)

SAMPLE IDENTIFIER: RN09B1416 COMPUCHEM SAMPLE NUMBER: 458313 DRY WEIGHT FACTOR: 1.17

		CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1P.	4,4'-DDD	BDL	4
	4,4'-DDE	BDL	4
3P.	4,4'-DDT	BDL	4
	ALDRIN	BDL	1.2
	CHLORDANE	BDL	4.6
	DIELDRIN	BDL	1.7
	ENDOŞULFAN I	BDL	1.7
	ENDOSULFAN II	BDL	4
	ENDOSULFAN SULFATE	BDL	2.3
	ENDRIN	BDL	2.9
	ENDRIN ALDEHYDE	BDL	1.2
	HEPTACHLOR	BDL	1.2
	HEPTACHLOR EPOXIDE	BDL	1.2
	KEPONE	BDL	1.2
	p,p'-HETHOXYCHLOR	BDL	4
	PCB-1016	BDL	23
	PCB-1221	BDL	23
	PCB-1232	BDL	23
	PCB-1242	BDL	23
	PCB-1248	BDL	23
	PCB-1254	BDL	23
	PCB-1260	770	23
	TOXAPHENE	BDL	23
	ALPHA-BHC	BDL	1.2
	BETA-BHC	BDL	1.2
	DELTA-BHC	BDL	1.2
27P.	GAMMA-BHC (Lindane)	BDL	1.2

# BDL= BELOW DETECTION LIMIT

<sup>+</sup> Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.



# APPENDIX VIII, IX - PESTICIDES, METHOD 8080 RESULTS REPORTED ON DRY WEIGHT BASIS (Page 1)

SAMPLE IDENTIFIER: RN10B1012 COMPUCHEM SAMPLE NUMBER: 464049 DRY WEIGHT FACTOR: 1.17

		CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
	4,4'-DDD	BDL	82
	4,4'-DDE	BDL	82
	4,4'-DDT	BDL	82
	ALDRIN	BDL	23
	CHLORDANE	BDL	94
	DIELDRIN	BDL	35
	ENDOSULFAN I	BDL	35
	ENDOSULFAN II	BDL	82
	ENDOSULFAN SULFATE	BDL	47
	ENDRIN	BDL	59
	ENDRIN ALDEHYDE	BDL	23
	HEPTACHLOR	BDL	23
	HEPTACHLOR EPOXIDE	BDL	23
	KEPONE	BDL	23
	p,p'-HETHOXYCHLOR	BDL	82
	PCB-1016	BDL	470
	PCB-1221	BDL	470
	PCB-1232	BDL	470
	PCB-1242	BDL	470
	PCB-1248	BDL	470
	PCB-1254	20000	470
	PCB-1260	BDL	470
	TOXAPHENE	BDL	470
	ALPHA-BHC	BDL	23
	BETA-BHC	BDL	23
	DELTA-BHC	BDL	23
Z/P.	GAMMA-BHC (Lindane)	BDL	23

# BDL= BELOW DETECTION LIMIT

<sup>+</sup> Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.



# APPENDIX VIII, IX - PESTICIDES, METHOD 8080 RESULTS REPORTED ON DRY WEIGHT BASIS (Page 1)

Duplieate

SAMPLE IDENTIFIER: RNS-DPA1
COMPUCHEM SAMPLE NUMBER: 464017

NS-10 (10-12)

DRY WEIGHT FACTOR: 1.2

DETECTION + CONCENTRATION LINIT (ug/kg) (ug/kg) 1P. 4,4'-DDD BDL 21 2P. 4,4'-DDE BDL 21 3P. 4,4'-DDT BDL 21 4P. ALDRIN BDL 6.1 5P. CHLORDANE BDL 24 6P. DIELDRIN BDL 9.1 7P. ENDOSULFAN I BDL 9.1 8P. ENDOSULFAN II BDL21 9P. ENDOSULFAN SULFATE BDL 12 10P. ENDRIN BDL 15 11P. ENDRIN ALDEHYDE BDL 6.1 12P. HEPTACHLOR BDL 6.1 13P. HEPTACHLOR EPOXIDE BDL 6.1 14P. KEPONE BDL 6.1 15P. p,p'-HETHOXYCHLOR BDL 21 16P. PCB-1016 BDL 120 17P. PCB-1221 BDL 120 18P. PCB-1232 BDL 120 19P. PCB-1242 BDL 120 20P. PCB-1248 BDL 120 21P. PCB-1254 6500 120 22P. PCB-1260 BDL 120 23P. TOXAPHENE BDL 120 24P. ALPHA-BHC BDL6.1 25P. BETA-BHC BDL 6.1 26P. DELTA-BHC BDL 6.1 27P. GAMMA-BHC (Lindane) BDL 6.1

BDL= BELOW DETECTION LIMIT

<sup>+</sup> Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.



# APPENDIX VIII, IX - PESTICIDES, METHOD 8080 RESULTS REPORTED ON DRY WEIGHT BASIS (Page 1)

SAMPLE IDENTIFIER: RN12B1416 COMPUCHEM SAMPLE NUMBER: 421753

DRY WEIGHT FACTOR: 1.18

		DETECTION +
	CONCENTRATION	LIHIT
	(ug/kg)	(ug/kg)
1P. 4,4'-DDD	BDL	2070
2P. 4,4'-DDE	BDL	2070
3P. 4,4'-DDT	BDL	<b>20</b> 70
4P. ALDRIN	BDL	590
5P. CHLORDANE	BDL	2360
6P. DIELDRIN	BDL	890
7P. ENDOŞULFAN I	BDL	890
8P. ENDOSULFAN II	BDL	2070
9P. ENDOSULFAN SULFATE	BDL	1180
10P. ENDRIN	BDL	1480
11P. ENDRIN ALDEHYDE	BDL	<b>59</b> 0
12P. HEPTACHLOR	BDL	<b>59</b> 0
13P. HEPTACHLOR EPOXIDE	BDL	590
14P. KEPONE	BDL	<b>59</b> 0
15P. p,p'-METHOXYCHLOR	BDL	<b>20</b> 70
16P. PCB-1016	BDL	11800
17P. PCB-1221	BDL	11800
18P. PCB-1232	BDL	11800
19P. PCB-1242	BDL	11800
20P. PCB-1248	BDL	11800
21P. PCB-1254	1600,000	11800
22P. PCB-1260	BDL	11800
23P. TOXAPHENE	BDL	11800
24P. ALPHA-BHC	BDL	<b>59</b> 0
25P. BETA-BHC	BDL	590
26P. DELTA-BHC	BDL	590
27P. GAMMA-BHC (Lindane)	BDL	590

BDL= BELOW DETECTION LIMIT

+ Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.



## APPENDIX VIII, IX - PESTICIDES, METHOD 8080 RESULTS REPORTED ON DRY WEIGHT BASIS (Page 1)

SAMPLE IDENTIFIER: RN13B1416

COMPUCHEN SAMPLE NUMBER: 421517

DRY WEIGHT FACTOR: 1.

1.49

DETECTION + CONCENTRATION LIHIT (ug/kg) (ug/kg) 260 BDL 1P. 4,4'-DDD BDL 260 2P. 4,4'-DDE 260 BDL 3P. 4,4'-DDT 73 BDL 4P. ALDRIN 290 BDL 5P. CHLORDANE BDL110 6P. DIELDRIN BDL 110 7P. ENDOSULFAN I 260 BDL 8P. ENDOSULFAN II 150 BDL 9P. ENDOSULFAN SULFATE 180 BDL 10P. ENDRIN 73 BDL 11P. ENDRIN ALDEHYDE BDL 73 12P. HEPTACHLOR BDL 73 13P. HEPTACHLOR EPOXIDE 73 BDL 14P. KEPONE 260 BDL 15P. p,p'-HETHOXYCHLOR 1460 BDL 16P. PCB-1016 1460 BDL 17P. PCB-1221 1460 BDL 18P. PCB-1232 1460 BDL 19P. PCB-1242 1460 BDL 20P. PCB-1248 1300000 1460 21P. PCB-1254 1460 BDL22P. PCB-1260 BDL 1460 23P. TOXAPHENE 73 BDL 24P. ALPHA-BHC 73 BDL 25P. BETA-BHC 73 BDL 26P. DELTA-BHC BDL 73 27P. GAMMA-BHC (Lindane)

BDL= BELOW DETECTION LIMIT

<sup>+</sup> Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.



# APPENDIX VIII, IX - PESTICIDES, METHOD 8080 RESULTS REPORTED ON DRY WEIGHT BASIS (Page 1)

SAMPLE IDENTIFIER: RN14B1214

COMPUCHEN SAMPLE NUMBER: 422270

DRY WEIGHT FACTOR:

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1P. 4,4'-DDD	BDL	20
2P. 4,4'-DDE	BDL	20
3P. 4,4'-DDT	BDL	20
4P. ALDRIN	BDL	5.6
5P. CHLORDANE	BDL	23
6P. DIELDRIN	BDL	8.4
7P. ENDOSULFAN I	BDL	8.4
8P. ENDÓSULFAN II	BDL	20
9P. ENDOSULFAN SULFATE	BDL	11
10P. ENDRIN	BDL	14
11P. ENDRIN ALDEHYDE	BDL	5.6
12P. HEPTACHLOR	$\mathtt{BDL}$	5.6
13P. HEPTACHLOR EPOXIDE	BDL	5.6
14P. KEPONE	BDL	5.6
15P. p,p'-METHOXYCHLOR	$\mathtt{BDL}$	20
16P. PCB-1016	BDL	110
17P. PCB-1221	BDL	110
18P. PCB-1232	BDL	110
19P. PCB-1242	BDL	110
20P. PCB-1248	BDL	110
21P. PCB-1254	92000	110
22P. PCB-1260	BDL	110
23P. TOXAPHENE	BDL	110
24P. ALPHA-BHC	BDL	5.6
25P. BETA-BHC	BDL	5.6
26P. DELTA-BHC	BDL	5.6
27P. GAMMA-BHC (Lindane)	BDL	5.6

# BDL= BELOW DETECTION LIMIT

<sup>+</sup> Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.



# APPENDIX VIII, IX - PESTICIDES, METHOD 8080 RESULTS REPORTED ON DRY WEIGHT BASIS (Page 1)

SAMPLE IDENTIFIER: RNRB60002 COMPUCHEM SAMPLE NUMBER: 421490 DRY WEIGHT FACTOR: 1.16

•	CONCENTRATION	DETECTION + LIMIT (uq/kg)
	(ug/kg)	(ug/ng)
10 4 41-000	BDL	20
1P. 4,4'-DDD 2P. 4,4'-DDE	BDL	20
3P. 4,4'-DDT	BDL	20
4P. ALDRIN	BDL	5.8
5P. CHLORDANE	BDL	23
6P. DIELDRIN	BDL	8.7
7P. ENDOSULFAN I	BDL	8.7
8P. ENDOSULFAN II	BDL	20
9P. ENDOSULFAN SULFATE	BDL	12
10P. ENDRIN	BDL	14
11P. ENDRIN ALDEHYDE	BDL	5.8
12P. HEPTACHLOR	BDL	5.8
13P. HEPTACHLOR EPOXIDE	BDL	5.8
14P. KEPONE	BDL	5.8
15P. p,p'-HETHOXYCHLOR	BDL	20
16P. PCB-1016	BDL	120
17P. PCB-1221	BDL	120
18P. PCB-1232	BDL	120 120
19P. PCB-1242	BDL	120
20P. PCB-1248	BDL	120
21P. PCB-1254	53000	120
22P. PCB-1260	BDL	120
23P. TOXAPHENE	BDL	5.8
24P. ALPHA-BHC	BDL	5.8
25P. BETA-BHC	BDL BDL	5.8
26P. DELTA-BHC	BDL BDL	5.8
27P. GAMMA-BHC (Lindane)	סטט	3.0

# BDL= BELOW DETECTION LIMIT

<sup>+</sup> Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.

P.O. Box 12652 3308 Chapel Hill/Nelson Highway Research Triangle Park, NC 27709 (919) 549-8263

# COMPOUND LIST

APPENDIX VIII, IX - PESTICIDES, METHOD 8080 RESULTS REPORTED ON DRY WEIGHT BASIS (Page 1)

SAMPLE IDENTIFIER: RNRB60204
COMPUCHEN SAMPLE NUMBER: 421476
DRY WEIGHT FACTOR: 1.16

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1P. 4,4'-DDD	BDL	4
2P. 4,4'-DDE	BDL	4
3P. 4,4'-DDT	BDL	4
4P. ALDRIN	BDL	1.1
5P. CHLORDANE	BDL	4.6
6P. DIELDRIN	BDL	1.7
7P. ENDOSULFAN I	BDL	1.7
8P. ENDOSULFAN II	BDL	4
9P. ENDOSULFAN SULFATE	BDL	2.3
10P. ENDRIN	BDL	2.9
11P. ENDRIN ALDEHYDE	BDL	1.1
12P. HEPTACHLOR	BDL	1.1
13P. HEPTACHLOR EPOXIDE	BDL	1.1
14P. KEPONE	BDL	1.1
15P. p,p'-METHOXYCHLOR	BDL	4
16P. PCB-1016	BDL	23
17P. PCB-1221	BDL	23
18P. PCB-1232	BDL	23
19P. PCB-1242	BDL	23
20P. PCB-1248	BDL	23
21P. PCB-1254	BDL	23
22P. PCB-1260	4700	23
23P. TOXAPHENE	BDL	23
24P. ALPHA-BHC	BDL	1.1
25P. BETA-BHC	BDL	1.1
26P. DELTA-BHC	BDL	1.1
27P. GAMMA-BHC (Lindane)	BDL	1.1

BDL= BELOW DETECTION LIMIT

(Continued)

<sup>+</sup> Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.



#### COMPOUND LIST

# APPENDIX VIII, IX - PESTICIDES, METHOD 8080 RESULTS REPORTED ON DRY WEIGHT BASIS (Page 1)

SAMPLE IDENTIFIER: RNRB70002
COMPUCHEM SAMPLE NUMBER: 421483
DRY WEIGHT FACTOR: 1.15

		DETECTION +
	CONCENTRATION	LIHIT
	(ug/kg)	(ug/kg)
1P. 4,4'-DDD	BDL	200
2P. 4,4'-DDE	BDL	200
3P. 4,4'-DDT	BDL	200
4P. ALDRIN	BDL	57
5P. CHLORDANE	BDL	230
6P. DIELDRIN	BDL	85
7P. ENDOSULFAN I	BDL	85
8P. ENDOSULFAN II	BDL	200
9P. ENDOSULFAN SULFATE	BDL	110
10P. ENDRIN	BDL	140
11P. ENDRIN ALDEHYDE	BDL	57
12P. HEPTACHLOR	BDL	57
13P. HEPTACHLOR EPOXIDE	BDL	57
14P. KEPONE	BDL	57
15P. p,p'-METHOXYCHLOR	BDL	200
16P. PCB-1016	BDL	1130
17P. PCB-1221	BDL	1130
18P. PCB-1232	BDL	1130
19P. PCB-1242	BDL	1130
20P. PCB-1248	BDL	1130
21P. PCB-1254	1400000	1130
22P. PCB-1260	BDL	1130
23P. TOXAPHENE	BDL	1130
24P. ALPHA-BHC	BDL	57
25P. BETA-BHC	BDL	57
26P. DELTA-BHC	BDL	57
27P. GAMMA-BHC (Lindane)	BDL	57

#### BDL= BELOW DETECTION LIMIT

(Continued)

<sup>+</sup> Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.



# COMPOUND LIST

# APPENDIX VIII, IX - PESTICIDES, METHOD 8080 RESULTS REPORTED ON DRY WEIGHT BASIS (Page 1)

SAMPLE IDENTIFIER: RNRB70204 COMPUCHEN SAMPLE NUMBER: 421503

DRY WEIGHT FACTOR: 1.16

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1P. 4,4'-DDD	BDL	20
2P. 4,4'-DDE	BDL	20
3P. 4,4'-DDT	BDL	20
4P. ALDRIN	BDL	5.8
5P. CHLORDANE	BDL	23
6P. DIELDRIN	BDL	8.7
7P. ENDOSULFAN I	BDL	8.7
8P. ENDÓSULFAN II	BDL	20
9P. ENDOSULFAN SULFATE	BDL	12
10P. ENDRIN	BDL	14
11P. ENDRIN ALDEHYDE	BDL	5.8
12P. HEPTACHLOR	BDL	5.8
13P. HEPTACHLOR EPOXIDE	BDL	5.8
14P. KEPONE	BDL	5.8
15P. p,p'-METHOXYCHLOR	BDL	20
16P. PCB-1016	BDL	120
17P. PCB-1221	BDL	120
18P. PCB-1232	BDL	120
19P. PCB-1242	BDL	120
20P. PCB-1248	100000	120
21P. PCB-1254	77000	120
22P. PCB-1260	BDL	120
23P. TOXAPHENE	BDL	120
24P. ALPHA-BHC	BDL	5.8
25P. BETA-BHC	BDL	5.8
26P. DELTA-BHC	BDL	5.8
27P. GAMMA-BHC (Lindane)	BDL	5.8

#### BDL= BELOW DETECTION LIHIT

+ Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.

(Continued)

1D

ORGANOCHLORINE PESTICIDES AND PCBs ANALYSIS DATA SHEET

NS-24

SAMPLE NO.

Lab Name: COMPUCHEM, RTP

Contract:

Lab Code: COMPU Case No.: 27893 SAS No.: SDG No.: 310PE

Lab Sample ID: 582458

Matrix: (soil/water)SOIL

Lab File ID:

Sample wt/vol: 30.40(g/ml)G

22.2(3/...-/2

Date Received: <u>10/08/93</u>

% Moisture: 20 decanted: (Y/N)N

Extraction: (SepF/Cont/Sonc) <u>SOI</u>

Date Extracted: 10/13/93

Concentrated Extract Volume: 20000(uL)

Date Analyzed: 10/14/93

Injection Volume: 3.0(uL)

Dilution Factor: 1

GPC Cleanup: (Y/N)N

pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg)UG/K Q

SONC

58-89-9gamma-BHC (Lindane)	1 2 17
76-44-8Heptachlor	1.2 U
309-00-2Aldrin	1.2 U
959-98-8Endosulfan I	1.9 U
60-57-1Dieldrin	
33213-65-9Endosulfan II	<u>1.9</u>   <u>U</u>
	4.3 U
50-29-34,4'-DDT	4 · 3   <u>U</u>
72-43-5Methoxychlor	4.3  <u>U</u>
319-84-6alpha-BHC	<u>1.2 U</u>
319-85-7beta-BHC	
319-86-8delta-BHC	1.2
1024-57-3Heptachlor epoxide	
72-55-94,4'-DDE	4.3 U
72-20-8Endrin	3.1 U
72-54-84,4'-DDD	4.3  <u>U</u>
7421-93-4Endrin aldehyde	<u>1.2</u>   <u>U</u>
1031-07-8Endosulfan sulfate	2.5 U
11096-82-5Aroclor-1260	3000 P
12674-11-2Aroclor-1016	25 U
11104-28-2Aroclor-1221	<u> 25 U</u>
11141-16-5Aroclor-1232	25 I U
53469-21-9Aroclor-1242	25   U
12672-29-6Aroclor-1248	25 U
11097-69-1Aroclor-1254	25 U
8001-35-2Toxaphene	25 U
57-74-9Chlordane (Technical)	
	<del></del>

#### SECTION 6

# PCB ANALYSIS (SOIL)

- RN1AB0024 Soil samples from Soil Boring NS-1A at 0-24 feet (2-foot intervals).
- RN2AB0024 Soil samples from Soil Boring NS-2A at 0-24 feet (2-foot intervals).
- RNS-DP4 Soil sample from Soil Boring NS-2A at 4-6 feet (Duplicate).
- RN05B0014 Soil samples from Soil Boring NS-5 at 0-14 feet (2-foot intervals).
- RNS-DP2 Soil sample from Soil Boring NS-5 at 6-8 feet (Duplicate).
- RN06B0014 Soil samples from Soil Boring NS-6 at 0-14 feet (2-foot intervals).
- RN07B0004 Soil samples from Soil Boring NS-7 at 0-4 feet (2-foot intervals).
- RN07B0616 Soil samples from Soil Boring NS-7 at 6-16 feet (2-foot intervals).
- RN08B0014 Soil samples from Soil Boring NS-8 at 0-14 feet (2-foot intervals).
- RN09B0024 Soil samples from Soil Boring converted to Groundwater Monitoring Well NS-9 at 0-24 feet (2-foot intervals).
- RN-DP-1 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-9 at 4-6 feet (Duplicate).
- RN10B0020 Soil samples from Soil Boring converted to Groundwater Monitoring Well NS-10 at 0-20 feet (2-foot intervals).
- RNS-DP5 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-10 at 10-12 feet.
- RN11B0012 Soil samples from Soil Boring converted to Groundwater Monitoring Well NS-11 at 0-12 feet (2-foot intervals).
- RN11B1420 Soil samples from Soil Boring converted to Groundwater Monitoring Well NS-11 at 14-20 feet (2-foot intervals).
- RN12B0016 Soil samples from Soil Boring NS-12 at 0-16 feet (2-foot intervals).
- RN13B0006 Soil samples from Soil Boring NS-13 at 0-6 feet (2-foot intervals).

# PCB ANALYSIS (SOIL) (Cont'd.)

RN13B0816	-	Soil samples from Soil Boring NS-13 at 8-16 feet (2-foot intervals).
RNS-DP1	-	Soil sample from Soil Boring NS-13 at 10-12 feet (Duplicate).
RN14B0014	-	Soil samples from Soil Boring NS-14 at 0-14 feet (2-foot intervals).
RNG090010	-	Soil samples from Soil Boring GE-9 at 0-10 feet (2-foot intervals).
RNG100012	-	Soil samples from Soil Boring G-10 at 0-12 feet (2-foot intervals).
RNG110012	-	Soil samples from Soil Boring GE-11 at 0-12 feet (2-foot intervals).
NS-21	-	Surficial soil sample from location NS-21.
NS-22	-	Surficial soil sample from location NS-22.
NS-23	-	Surficial soil sample from location NS-23.
NS-24	-	Surficial soil sample from location NS-24.
NS-25	-	Surficial soil sample from location NS-25.
NS-26	-	Surficial soil sample from location NS-26.
NS-27	-	Surficial soil sample from location NS-27.
NS-28	-	Surficial soil sample from location NS-28.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49826

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
RN-DP-1	RR8770	0.52 U	8.8	6.4	15
VS-9 Duplicate	(4-1.1)				

(S-9 Duplicate (4-6')

Extraction Date:

11/07/91

Analysis Date:

11/12, 11/13/91 and 11/14/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN1AB0002	BB6485	47 U	3,700	230 U	3,700

Date of Extraction: 05/29/91

Date of Analysis:

06/06 to 06/18/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

General Electric Company July 19, 1991 Client Project ID: AY05402/Newell St. IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48551

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN1AB0204	BB6486	75 U	8,400	340 U	8,400

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

Date of Extraction: 05/29/91

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

# IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN1AB0406	BB6487	94 U	9,900	470 U	9,900

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

Date of Extraction: 05

05/29/91

Date of Analysis:

06/06 to 06/18/91

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN1AB0608	BB6488	101 U	12,000	500 U	12,000

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN1AB0810	BB6489	0.79 U	33	3.6 U	33

Date of Extraction: 05/29/91

Date of Analysis:

06/06 to 06/18/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE. TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48568

### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

- Management	Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
1	RN1AB1012	BB6653	31 U	3,400	140 U	3,400

Date of Extraction: 05/31/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48568

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN1AB1214	BB6654	25 U	1,300	110 U	1,300

Date of Extraction: 05/31/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48568

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN1AB1416	BB6655	24 U	1,500	110 U	1,500

Date of Extraction: 05/31/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

Job Number: GECP 48568

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN1AB1618	BB6656	0.19 U	11	0.86 U	11

Date of Extraction: 05/31/91

Date of Analysis:

06/17 to 06/25/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

Job Number: GECP 48568

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

		Aroclor			
Client Sample ID	Lab Sample ID	1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN1AB1820	BB6657	0.054 U	3.8	0.24 U	3.8

Date of Extraction: 05/31/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48568

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN1AB2022	BB6658	0.11 U	9.5	0.50 U	9.5

for the sample.

Date of Extraction: 05/31/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242. U - Compound was analyzed for but not detected. The number is the detection limit

Client Project ID: AY05402/Newell St.

Job Number: GECP 48568

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN1AB2224	BB6659	0.54 U	29	2.3 U	29

Date of Extraction: 05/31/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 49984

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260_	Total Aroclors
RN2AB0002	SS0370	0.05 U	0.64	0.08 U	0.64

Extraction Date:

11/19/91

Analysis Date:

<sup>+ -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260_	Total <u>Aroclors</u>
RN2AB0204	SS0371	150 U	9,100	510 U	9,100

xtraction Date:

11/19/91

Ánalysis Date:

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 49984

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260_	Total <u>Aroclors</u>
RN2AB0406	SS0372	53 U	2,000	140 U	2,000

Extraction Date:

11/19/91

Analysis Date:

<sup>-</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor <u>1254</u>	Aroclor 1260	Total <u>Aroclors</u>
RNS-DP4	SS0395	0.65 U	25	1.5 U	25

DUPLICATE NS- 2A (4-6)

Extraction Date:

11/19/91

Analysis Date:

11/25, 11/26 and 11/27/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260_	Total <u>Aroclors</u>
RN2AB0608	SS0373	43 U	2,800	130 U	2,800

Extraction Date:

11/19/91

Analysis Date:

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260_	Total <u>Aroclors</u>
RN2AB0810	SS0376	4.6 U	320	16 U	320

Extraction Date:

11/19/91

Analysis Date:

11/25, 11/26 and 11/27/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclora</u>
RN2AB1012	SS0377	0.05 U	1.8	0.07 U	1.8

Extraction Date:

11/19/91

Analysis Date:

<sup>-</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260_	Total <u>Aroclors</u>
RN2AB1214	SS0380	0.10 U	6.3	0.27 U	6.3

Extraction Date:

11/19/91

Analysis Date:

11/25, 11/26 and 11/27/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260_	Total <u>Aroclors</u>
RN2AB1416	SS0381	17 U	1,000	59 U	1,000

Extraction Date:

11/19/91

Analysis Date:

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
RN2AB1618	SS0382	17 - U	1,100	59 U	1,100

Extraction Date: 11/19/91

Analysis Date: 11/25, 11/26 and 11/27/91

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260_	Total <u>Aroclors</u>
RN2AB1820	SS0383	0.90 U	60	2.7 U	60

Extraction Date:

11/19/91

Analysis Date:

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260_	Total <u>Aroclors</u>
RN2AB2022	SS0384	0.05 U	0.53	0.05 U	0.53

Extraction Date:

11/19/91

Analysis Date:

11/25, 11/26 and 11/27/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260_	Total <u>Aroclors</u>
RN2AB2022 RE	SS0384	0.05 U	0.40	0.05 U	0.40

# RE = reextraction/reanalysis

Extraction Date:

11/27/91

Analysis Date:

12/02 and 12/03/91

<sup>-</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

December 23, 1991

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260_	Total <u>Aroclors</u>
RN2AB2224	SS0385	0.18 U	8.5	0.55 U	8.5

xtraction Date:

11/19/91

Analysis Date:

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Aroclor						
Client Sample ID	Lab Sample ID	1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>	
RN05B0002	BB6470	36 U	1,200	90 U	1,200	

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN05B0204	BB6471	0.53 U	48	3.7 U	48

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN05B0406	BB 6472	<b>4</b> 5 U	2,100	110 U	2,100

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
RN05B0608	BB6473	21 U	590	52 U	590

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

Date of Extraction: 05/29/91

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RNS-DP2	BB6491	51 U	5,700	250 U	5,700

Duplicate NS-5 (6-8)

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN05B0810	BB6474	0.05 U	0.55	0.05 U	0.55

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48551

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN05B0810 RE	BB6474	0.05 U	0.67	0.05 U	0.67

Date of Extraction: 06/25/91

Date of Analysis: 06/26 and 06/28/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN05B1012	BB6475	0.24 U	29	1.2 U	29

Date of Extraction: 05/29/91 Date of Analysis: 06/06 to 06/18/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN05B1214	BB6476	0.06 U	3.5	0.26 U	3.5

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

General Electric Company December 23, 1991 IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN\$6B0002	SS0386	7.2 U	280 *	25 U	280

Extraction Date:

11/19/91

Analysis Date:

11/25, 11/26 and 11/27/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

- Sample exhibits alteration of standard Aroclor pattern.

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor	Total <u>Aroclors</u>
RNS6B0204	SS0387	280 U	17,000	1,500 U	17,000

Extraction Date:

11/19/91

Analysis Date:

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

General Electric Company December 23, 1991 IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260_	Total <u>Aroclors</u>
RNS6B0406	SS0390	910 U	53,000	2,700 U	53,000

Extraction Date:

11/19/91

Analysis Date:

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260	Total <u>Aroclors</u>
RNS6B0608	SS0391	120 U	3,400	280 U	3,400

Extraction Date:

11/19/91

Analysis Date:

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
RNS6B0810	SS0392	66 U	2,700	280 U	2,700

Extraction Date:

11/19/91

Analysis Date:

11/25, 11/26 and 11/27/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49984

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260	Total <u>Aroclors</u>
RNS6B1012	SS0393	0.54 U	24	1.4 U	24

Extraction Date:

11/19/91

Analysis Date:

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

# General Electric Company December 23, 1991

Client Project ID: AY05402/GE-Newell Street

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 49984

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor	Aroclor 	Total <u>Aroclors</u>
RNS6B1214	SS0394	0.10 U	4.0	0.30 U	4.0

Extraction Date:

11/19/91

Analysis Date:

11/25, 11/26 and 11/27/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

<sup>-</sup> Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48568

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN07B0002	B86660	4.7 U	190	21 U	190

Date of Extraction: 05/31/91

Date of Analysis: 06/17 to 06/25/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

 $<sup>\</sup>ensuremath{\mathsf{U}}$  - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

Job Number: GECP 48568

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
RN07B0204	BB6661	5.1 U	500	22 U	500

Date of Extraction: 05/31/91 Date of Analysis: 06/17 to 06/25/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

Job Number: GECP 48568

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN07B0406	BB6662	2.5 U	130	11 U	130

Date of Extraction: 05/31/91

Date of Analysis: 06/17 to 06/25/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

Job Number: GECP 48568

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN07B0810	BB6663	5.5 U	280	24 U	280

Date of Extraction: 05/31/91

Date of Analysis: 06/17 to 06/25/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

Job Number: GECP 48568

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN07B1012	BB6666	0.21 U	20	1.5 U	20

Date of Extraction: 05/31/91

Date of Analysis:

06/17 to 06/25/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48568

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN07B1214	BB6667	0.05 U	0.53	0.05 U	0.53

Date of Extraction: 05/31/91

Date of Analysis: 06/17 to 06/25/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

Job Number: GECP 48568

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN07B1416	BB6668	0.05 U	0.65	0.05 U	0.65

Date of Extraction: 05/31/91

Date of Analysis: 06/17 to 06/25/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN08B0002	BB6456	0.05 U	1.1	0.08 U	1.1

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

Date of Extraction: 05/29/91

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN08B0002 RE	BB6456	0.05 U	1.5	0.32	1.8

Date of Extraction: 06/25/91 Date of Analysis: 06/26 and

06/26 and 06/28/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.  $\ensuremath{\mathtt{U}}$  - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN08B0204	BB6457	0.59 U	46	2.6 U	46

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

Date of Extraction: 05/29/91

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Aroclor							
Client Sample ID	Lab Sample ID	1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>		
RN08B0406	BB 6458	56 U	5,200	230 U	5,200		

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client SampleID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
RN08B0608	BB6459	970 U	80,000	4,400 U	80,000

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN08B0810	BB6460	0.15 U	13	0.69 U	13

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

		Aroclor			
Client Sample ID	Lab Sample ID	1016, 1232, 1242† and/or 1248	Aroclor _1254	Aroclor _1260	Total Aroclors
					restricted one
RN08B1012	BB6461	24 U	850	59 U	850

Date of Extraction: 05/29/91 Date of Analysis: 06/06 to 06/18/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN08B1214	BB6462	120 U	4,500	300 U	4,500

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49826

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

		Aroclor			
Client Sample ID	Lab Sample ID	1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN09B0002	RR8756	0.47 U	19	2.5 U	19

Extraction Date: 11/07/91

Analysis Date: 11/12, 11/13 and 11/14/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49826

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
RN09B0204	RR8757	0.50 U	19	9.3	28

Extraction Date:

11/07/91

Analysis Date:

11/12, 11/13 and 11/14/91

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

General Electric Company December 24, 1991 IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49826

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, <u>1242† and/or 1248</u>	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
RN09B0406	RR8758	0.05 U	0.06	0.05 U	0.06

Extraction Date:

11/07/91

\nalysis Date:

11/12, 11/13 and 11/14/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49826

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 	Aroclor 1260_	Total <u>Aroclors</u>
RN09B0406 RE	RR8758	0.05 U	0.14	0.05 U	0.14

Extraction Date:

12/06/91

<sup>12/09/91</sup> Analysis Date:

Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

Compound was analyzed for but not detected. The number is the detection limit for the sample. U

RE - Reextraction/reanalysis.

General Electric Company December 24, 1991

Client Project ID: AY05402/GE-Newell Street

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 49826

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260_	Total <u>Aroclors</u>
RN09B0608	RR8759	0.05 U	0.05 U	0.05 U	0.05 U

Extraction Date:

11/07/91

Analysis Date:

11/12, 11/13 and 11/14/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49826

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260	Total <u>Aroclors</u>
RN09B0810	RR8760	0.05 U	2.0	0.65	2.6

Extraction Date:

11/07/91

Analysis Date:

11/12, 11/13 and 11/14/91

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

General Electric Company December 24, 1991 IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49826

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260_	Total <u>Aroclors</u>
RN09B1012	RR8761	0.05 U	0.60	0.34	0.94

Extraction Date:

11/07/91

Analysis Date:

11/12, 11/13 and 11/14/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49826

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260	Total <u>Aroclors</u>
RN09B1214	RR8762	0.12 U	8.6	2.0	11

Extraction Date:

11/07/91

Analysis Date:

11/12, 11/13 and 11/14/91

Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

General Electric Company December 24, 1991

Client Project ID: AY05402/GE-Newell Street

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 49826

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260_	Total <u>Aroclors</u>
RN09B1416	RR8763	0.05 U	0.89	0.23 U	0.89

Extraction Date:

11/07/91

Analysis Date:

Ū

11/12, 11/13 and 11/14/91

<sup>-</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

<sup>-</sup> Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49826

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260_	Total <u>Aroclors</u>
RN09B1618	RR8764	0.27 U	11	1.7 U	11

Extraction Date: 11/07/91

Analysis Date:

11/12, 11/13 and 11/14/91

<sup>-</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

<sup>-</sup> Compound was analyzed for but not detected. The number is the detection limit for the sample.

General Electric Company December 24, 1991 IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49826

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
RN09B1820	RR8767	0.05 U	0.26	0.11	0.37

Extraction Date:

11/07/91

Analysis Date:

11/12, 11/13 and 11/14/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

<sup>-</sup> Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/GE-Newell Street

Job Number: GECP 49826

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
RN09B2022	RR8768	0.06 U	6.9	1.3	8.2

Extraction Date:

11/07/91

Analysis Date:

11/12, 11/13 and 11/14/91

<sup>-</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

General Electric Company December 24, 1991

Client Project ID: AY05402/GE-Newell Street

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 49826

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260_	Total Aroclors
RN09B2224	RR8769	0.30 U	10	2.1 U	10

Extraction Date:

11/07/91

Analysis Date:

11/12, 11/13/91 and 11/14/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/GE-Newell St. Lot

Job Number: GECP 50014

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

		Aroclor 1016, 1232,			
Client Sample ID	Lab Sample ID	1242† and/or 	Aroclor	Aroclor <u>1260</u>	Total <u>Aroclors</u>
RN10B0002	SS0753	0.05 U	0.21	0.07	0.28

Extraction Date:

11/21/91

Analysis Date:

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell St. Lot

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50014

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

P. Torontonooppe		Arocior 1016, 1232,			
Client Sample ID	<u>Lab Sample ID</u>	1242† and/or 1248	Aroclor 1254_	Aroclor 1260_	Total <u>Aroclors</u>
RN10B0002 RE	SS0753	0.49 U	4.1	44	48

Extraction Date:

12/06/91

Analysis Date:

12/09 and 12/10/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell St. Lot

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50014

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

		Aroclor 1016, 1232,			
Client Sample ID	<u>Lab Sample ID</u>	1242† and/or 	Aroclor 	Aroclor 1260	Total <u>Aroclors</u>
RN10B0204	SS0756	0.05 U	3.4	1.3	4.7

Extraction Date:

11/21/91

Analysis Date:

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell St. Lot

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50014

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

		Aroclor 1016, 1232,			
Client Sample ID	Lab Sample ID	1242† and/or 	Aroclor 1254_	Aroclor <u>1260</u>	Total <u>Aroclors</u>
RN10B0406	SS0757	1.2 U	8.3	3.9	12.1

Extraction Date:

11/21/91

Analysis Date:

12/02 to 12/06/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell St. Lot

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50014

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

		Aroclor			
		1016, 1232,			
		1242† and/or	Aroclor	Aroclor	Total
Client Sample ID	<u>Lab Sample ID</u>	1248	1254	1260	<b>Aroclors</b>
RN10B0608	SS0758	2.3 U	49	2.9 U	49

Extraction Date:

11/21/91

Analysis Date:

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell St. Lot

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50014

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Aroclor

Client Sample ID	Lab Sample ID	1242† and/or 1248	Aroclor 1254	Aroclor 1260_	Total <u>Aroclors</u>
RN10B0810	SS0759	27 U	250	- 32 U	250

Extraction Date:

11/21/91

analysis Date:

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell St. Lot

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50014

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

		Aroclor 1016, 1232,			
Client Sample ID	Lab Sample ID	1242† and/or 	Aroclor 1254_	Aroclor 1260	Total <u>Aroclors</u>
RN10B1012	SS0762	23 · U	420	29 U	420

Extraction Date:

11/21/91

Analysis Date:

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell St. Lot

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50014

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#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Aroclor

Client Sample ID	Lab Sample ID	1016, 1232, 1242† and/or 	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
RNS-DP5	SS0767	22 U	520	26 U	520

NS-10 DUPLICATE (10-12)

Extraction Date: 11

11/21/91

analysis Date: 12/02 to 12/06/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell St. Lot

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50014

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

		Aroclor 1016, 1232,	•		
Client Sample ID	Lab Sample ID	1242† and/or 	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
RN10B1214	SS0763	16 U	380	27 U	380

Extraction Date:

11/21/91

Analysis Date:

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell St. Lot

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50014

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

	•	Aroclor 1016, 1232,			
Client Sample ID	Lab Sample ID	1242† and/or 	Aroclor <u>1254</u>	Aroclor 1260_	Total <u>Aroclors</u>
RN10B1416	SS0764	2.5	42	2.9 U	44

Extraction Date: 1

11/21/91

Analysis Date:

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell St. Lot

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50014

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

		Aroclor			
		1016, 1232,			
		1242† and/or	Aroclor	Aroclor	Total
Client Sample ID	<u>Lab Sample ID</u>	1248	1254	_1260_	<u>Aroclors</u>
RN10B1618	SS0765	0.15 U	2.1	0.28 U	2.1

Extraction Date:

11/21/91

Analysis Date:

Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell St. Lot

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50014

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Y P		Aroctor 1016, 1232,			
Client Sample ID	Lab Sample ID	1242† and/or 	Aroclor <u>1254</u>	Aroclor 1260	Total Aroclors
RN10B1820	SS0766	0.22	3.8	0.27 U	4.0

Extraction Date:

11/21/91

Analysis Date:

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Newell St. Lot

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50014

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

		Aroclor			
		1016, 1232,			
Client Sample ID	Lab Sample ID	1242† and/or 1248	Aroclor 	Aroclor 1260_	Total <u>Aroclors</u>
RN10B1820 RE	SS0766	0.20 U	2.7	0.28 U	2.7

Extraction Date:

12/04/91

Analysis Date: 12/09/91

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50196

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
RN11B0002	SS2145	0.05 U	1.8 *	0.12 U	1.8

Extraction Date:

12/16/91

Analysis Date:

12/20 and 12/26/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

- Sample exhibits alteration of standard Aroclor pattern.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50196

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260_	Total Aroclors
RN11B0204	SS2148	2.4 U	110 *	15 U	110

Extraction Date:

12/16/91

Analysis Date:

12/20 and 12/26/91

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

\* - Sample exhibits alteration of standard Aroclor pattern.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50196

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN11B0406	SS2149	50 U	3,700	130 U	3,700

Extraction Date:

12/16/91

Analysis Date:

12/20 and 12/26/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50196

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260	Total <u>Aroclors</u>
RN11B0608	SS2150	200 U	8,800	690 U	8,800

Extraction Date:

12/16/91

Analysis Date:

12/20 and 12/26/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50196

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor	Aroclor 1260	Total <u>Aroclors</u>
RN11B0810	SS2151	160 U**	790 *	62 U	790

Extraction Date:

12/16/91

Analysis Date:

12/20 and 12/26/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

- Sample exhibits alteration of standard Aroclor pattern.

\*\* - Higher detection limit due to interference.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50196

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260	Total <u>Aroclors</u>
RN11B1012	SS2152	9.1 U	470 *	27 U	470

Extraction Date:

12/16/91

Analysis Date:

12/20 and 12/26/91

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

<sup>\* -</sup> Sample exhibits alteration of standard Aroclor pattern.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50196

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor _1260_	Total <u>Aroclors</u>
RN11B1416	SS2153	0.15 U	5.5 *	0.29 U	5.5

Extraction Date:

12/16/91

analysis Date:

12/20 and 12/26/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

- Sample exhibits alteration of standard Aroclor pattern.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50196

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor	Aroclor 1260_	Total <u>Aroclors</u>
RN11B1618	SS2154	0.05 U	0.18	0.05 U	0.18

Extraction Date:

12/16/91

Analysis Date:

12/20 and 12/26/91

- † Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- U Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50196

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260_	Total <u>Aroclors</u>
RN11B1820	SS2155	0.05 U	0.12 *	0.05 U	0.12

Extraction Date:

12/16/91

Analysis Date:

12/20 and 12/26/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- U Compound was analyzed for but not detected. The number is the detection limit for the sample.
  - Sample exhibits alteration of standard Aroclor pattern.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50196

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260_	Total <u>Aroclors</u>
RN11B1820 RE	SS2155	0.05 U	0.11 *	0.05 U	0.11

Extraction Date:

12/30/91

Analysis Date: 01/02/92

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

\* - Sample exhibits alteration of standard Aroclor pattern.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN12B0002	BB6477	0.19 U	7.3	3.3	11

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN12B0204	BB 6478	0.20 U	9.5	2.2	12

Date of Extraction: 05/29/91

Date of Analysis:

06/06 to 06/18/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN12B0406	BB 6479	0.39 U	19	3.9	23

Date of Extraction: 05/29/91 Date of Analysis: 06/06 to 06/06 to 06/18/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48551

# PCBs ANALYSIS Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN12B0608	BB 6480	48 U	4,400	240 U	4,400

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight
Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN12B0810	BB6481	2.2 U	91	13	104

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN12B1012	BB6482	2.4 U	140	11 U	140

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48551

#### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN12B1214	BB6483	19 U	1,400	93 U	1,400

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE. TN

Job Number: GECP 48551

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN12B1416	BB6484	11 U	680	81 U	680

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN13B0002	BB6463	89 U	2,100	310 U	2,100

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN13B0204	BB6464	0.19 U	26	0.95 U	26

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
RN13B0406	BB 6465	201 U	4,500	500 U	4,500

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN13B0810	BB6466	360 U	32,000	3,000 U	32,000

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN13B1012	BB6467	120 U	42,000	500 U	42,000

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RNS-DP1 NS-13 DUPLICA	BB6490	204 U	76,000	910 U	76,000

Date of Extraction: 05/29/91

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN13B1214	BB6468	5.7 U	460	34 U	460

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48551

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN13B1416	BB6469	38 U	1,200	380	1,600

Date of Extraction: 05/29/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
 U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48568

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN14B0002	BB6674	5.2 U	210	23 U	210

Date of Extraction: 05/31/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48568

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN14B0204	886675	2.0 U	92	11 U	92

Date of Extraction: 05/31/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48568

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN14B0406	BB6676	5.4 U	320	24 U	320

Date of Extraction: 05/31/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48568

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN14B0608	BB6677	2.4 U	120	13 U	120

Date of Extraction: 05/31/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48568

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
RN14B0810	BB6678	21 U	320	73 U	320

Date of Extraction: 05/31/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/Newell St.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 48568

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RN14B1012	BB6681	10 U	480	47 U	480

Date of Extraction: 05/31/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242. U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Project ID: AY05402/Newell St.

Job Number: GECP 48568

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample	Lab Sample	Aroclor 1016, 1232,	Aroclor	Aroclor	Total
ID	ID ID	1242† and/or 1248	1254	1260	Aroclors
RN14B1214	BB6682	4.1 U	310	19 U	310

Date of Extraction: 05/31/91 Date of Analysis: 06/17 to 06/25/91

t - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Facility

# IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50226

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
RNG090002	SS2413	0.08 U	2.3 *	1.0 *	3.3

Extraction Date:

12/20/91

Analysis Date:

12/27 and 12/30/91

- † Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- U Compound was analyzed for but not detected. The number is the detection limit for the sample.
- \* Sample exhibits alteration of standard Aroclor pattern.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50226

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260_	Total <u>Aroclors</u>
RNG090204	SS2414	0.45 U	8.0 *	2.0 *	10.0

Extraction Date:

12/20/91

Analysis Date:

12/27 and 12/30/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

- Sample exhibits alteration of standard Aroclor pattern.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50226

### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor	Aroclor 1260_	Total <u>Aroclors</u>
RNG090406	SS2415	0.05 U	0.05 U	0.05 U	0.05 U

Extraction Date:

12/20/91

Analysis Date:

12/27 and 12/30/91

- † Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- U Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50226

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260	Total <u>Aroclors</u>
RNG090608	SS2416	0.05 U	0.05 U	0.05 U	0.05 U

Extraction Date:

12/20/91

Analysis Date:

12/27 and 12/30/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50226

# PCBs ANALYSIS

# Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor	Aroclor 1260	Total Aroclors
RNG090810	SS2417	0.05 U	0.12 *	0.05 U	0.12

Extraction Date:

12/20/91

Analysis Date:

12/27 and 12/30/91

- † Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- U Compound was analyzed for but not detected. The number is the detection limit for the sample.
- \* Sample exhibits alteration of standard Aroclor pattern.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50213

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
RNG100002	SS2276	11 U	930	54 U	930

Extraction Date:

12/16/91

Analysis Date:

12/24 and 12/26/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Facility

# IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50213

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260	Total <u>Aroclors</u>
RNG100204	SS2277	0.06 U	3.9	2.5	6.4

Extraction Date:

12/16/91

Analysis Date:

12/24 and 12/26/91

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50213

### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260_	Total <u>Aroclors</u>
RNG100406	SS2278	0.05 U	0.07	0.05 U	0.07

Extraction Date:

12/16/91

Analysis Date:

12/24 and 12/26/91

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50213

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor	Aroclor 1260_	Total <u>Aroclors</u>
RNG100608	SS2279	0.05 U	0.05 U	0.05 U	0.05 U

Extraction Date:

12/16/91

Analysis Date:

12/24 and 12/26/91

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50213

### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor1254_	Aroclor 1260_	Total <u>Aroclors</u>
RNG100810	SS2280	0.05 U	0.68 *	0.12 U	0.68

Extraction Date:

12/16/91

Analysis Date:

12/24 and 12/26/91

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

<sup>\* -</sup> Sample exhibits alteration of standard Aroclor pattern.

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50213

Client Project ID: AY05402/GE-Facility

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor	Aroclor 1260	Total <u>Aroclors</u>
RNG101012	SS2281	0.05 U	1.9	0.17 U	1.9

Extraction Date:

12/16/91

Analysis Date:

12/24 and 12/26/91

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50226

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
RNG110002	SS2418	43 U	3,800 *	120 U	3,800

Extraction Date:

12/20/91

Analysis Date:

12/27 and 12/30/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- J Compound was analyzed for but not detected. The number is the detection limit for the sample.
- Sample exhibits alteration of standard Aroclor pattern.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50226

## PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260	Total <u>Aroclors</u>
RNG110204	SS2419	0.05 U	1.7	0.13 U	1.7

Extraction Date:

12/20/91

Analysis Date:

12/27 and 12/30/91

- + Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- U Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50226

### PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260_	Total <u>Aroclors</u>
RNG110406	SS2420	0.05 U	0.05 U	0.05 U	0.05 U

Extraction Date:

12/20/91

Analysis Date:

12/27 and 12/30/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50226

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260_	Total Aroclors
RNG110608	SS2421	0.05 U	1.8 *	0.12 U	1.8

Extraction Date:

12/20/91

Analysis Date:

12/27 and 12/30/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- U Compound was analyzed for but not detected. The number is the detection limit for the sample.
- \* Sample exhibits alteration of standard Aroclor pattern.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50226

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260_	Total <u>Aroclors</u>
RNG110810	SS2422	0.06 U	5.1 *	0.23 U	5.1

Extraction Date:

12/20/91

analysis Date:

12/27 and 12/30/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- Compound was analyzed for but not detected. The number is the detection limit for the sample.
- Sample exhibits alteration of standard Aroclor pattern.

Client Project ID: AY05402/GE-Facility

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Job Number: GECP 50226

# PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254_	Aroclor 1260	Total <u>Aroclors</u>
RNG111012	SS2423	0.05 U	0.49 *	0.05 U	0.49

Extraction Date:

12/20/91

Analysis Date:

12/27 and 12/30/91

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

\* - Sample exhibits alteration of standard Aroclor pattern.

Blasland & Bouck Engineers, P.C. October 27, 1993

IT ANALYTICAL SERVICES 5815 MIDDLEBROOK PIKE KNOXVILLE, TN

Client Sample ID: G. E. Pittsfield - Newell St.

Job Number: BLB 55192

### PCBs ANALYSIS

Results in  $\mu g/kg$  (ppb)

Sample Matrix: Soil

Client Sample ID	<u>Lab Sample ID</u>	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total <u>Aroclors</u>
NS-21	ZZ6302	40 U	210 *	260 *	470
NS-22	ZZ6303	390 U	2100 *	1500 *	3600
NS-23	ZZ6304	240 U	3600 *	4500 *	8100
NS-24	ZZ6305	75 U	4800 *	4800 *	9600
Method Blank	BLM1407	40 U	90 U	90 U	90 U

Extraction Date: 10/14/93

Analysis Date: 10/21/93, 10/22/93, 10/25/93

Sample Arocior pattern identified and/or calculated as Arocior 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Sample exhibits alteration of standard aroclor pattern.

# 000003

# PCBs ANALYSIS

ITAS-KNOXVILLE SDG Number: N/A Laboratory Name: BLB 55768 Contract Name: NEWELL ST. SAMPLING Job Number: Client Sample ID: NS-25 Collection Date: N/A Extraction Date: 01/06/94 AB5136 Lab Sample ID: SOIL Analysis Date: 01/06/94 Sample Matrix: Concentration Units: mg/kg (ppm) Confirmation Date: N/A

Aroclor 1016, 1232 †1242 &/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
0.05 U	3.7 *	1.6 *	5.3

<sup>\* -</sup> Sample exhibits alteration of standard Aroclor pattern.

<sup>† -</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

# PCBs ANALYSIS

Laboratory Name: ITAS-KNOXVILLE SDG Number: N/A Contract Name: NEWELL ST. SAMPLING Job Number: BLB 55768 Client Sample ID: Collection Date: NS-26 N/A Extraction Date: 01/06/94 Lab Sample ID: AB5137 Analysis Date: 01/06/94 Sample Matrix: SOIL Confirmation Date: N/A Concentration Units: mg/kg (ppm)

Aroclor 1016, 1232 †1242 &/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
0.05 U	2.8 *	1.2 *	4.0

Sample exhibits alteration of standard Aroclor pattern.

<sup>-</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

000005

# PCBs ANALYSIS

Laboratory Name: ITAS-KNOXVILLE SDG Number: N/A Contract Name: NEWELL ST. SAMPLING BLB 55768 Job Number: Client Sample ID: NS-27 Collection Date: N/A Lab Sample ID: AB5138 Extraction Date: 01/06/94 Sample Matrix: SOIL Analysis Date: 01/06/94 Concentration Units: Confirmation Date: mg/kg (ppm) N/A

Aroclor 1016, 1232 †1242 &/or 1248	Aroclor 1254	Aroclor 1260	Total Arociors
0.05 U	3.2 *	1.6 *	4.8

<sup>-</sup> Sample exhibits alteration of standard Aroclor pattern.

<sup>-</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

### **0**0000**0**

#### PCBs ANALYSIS

SDG Number: N/A Laboratory Name: ITAS-KNOXVILLE BLB 55768 Job Number: Contract Name: NEWELL ST. SAMPLING Collection Date: N/A Client Sample ID: NS-28 01/06/94 Extraction Date: Lab Sample ID: AB5139 01/06/94 Analysis Date: SOIL Sample Matrix: Confirmation Date: N/A Concentration Units: mg/kg (ppm)

Arocior 1016, 1232 †1242 &/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
0.05 U	3.1 *	1.3 *	4.4

<sup>-</sup> Sample exhibits alteration of standard Aroclor pattern.

<sup>-</sup> Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

#### SECTION 7

### ORGANOPHOSPHORUS PESTICIDES ANALYSIS - SOIL

RN2AB1820 - Soil sample from Soil Boring NS-2A at 18-20 feet.

RN06B0406 - Soil sample from Soil Boring NS-6 at 4-6 feet.

RN10B1012 - Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-10 at 10-12 feet.

RNS-DPA1 - Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-10 at 10-12 feet (Duplicate).

NS-24 - Surficial soil sample from location NS-24.



# COMPOUND LIST APPENDIX VIII, IX - ORGANOPHOSPHORUS PESTICIDES, METHOD 8140 RESULTS REPORTED ON DRY WEIGHT BASIS

SAMPLE IDENTIFIER: RN2AB1820 COMPUCHEM SAMPLE NUMBER: 463035 DRY WEIGHT FACTOR: 1.55

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1P. TETRAETHYLDITHIOPYROPHOSPHATE(SULFOTEPP)	BDL	16
2P. PHORATE	BDL	16
3P. DIMETHOATE	BDL	16
4P. DISULFOTON	BDL	16
5P. METHYL PARATHION	BDL	16
6P. PARATHION	BDL	16

### BDL=BELOW DETECTION LIMIT

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Methidathion	143	(60-120)*

\*Advisory surrogate. See Quality Assurance Notice

+Detection limits have been adjusted to report variation from the nominal sample weight and dry weight.



# COMPOUND LIST APPENDIX VIII, IX - ORGANOPHCCPHORUS PESTICIDES, METHOD 8140 RESULTS REPORTED ON DRY WEIGHT BASIS

SAMPLE IDENTIFIER: RN06B0406 COMPUCHEM SAMPLE NUMBER: 463049 DRY WEIGHT FACTOR: 1.15

		CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1P.	TETRAETHYLDITHIOPYROPHOSPHATE(SULFOTEPP)	BDL	12
2P.	PHORATE	BDL	12
3P.	DIMETHOATE	BDL	12
4P.	DISULFOTON	BDL	12
5P.	METHYL PARATHION	BDL	12
6P.	PARATHION	BDL	12

### BDL=BELOW DETECTION LIMIT

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Methidathion	138	(60-120)*

<sup>\*</sup>Advisory surrogate. See Quality Assurance Notice

<sup>+</sup>Detection limits have been adjusted to report variation from the nominal sample weight and dry weight.



## COMPOUND LIST APPENDIX VIII, IX - ORGANOPHOSPHORUS PESTICIDES, METHOD 8140 RESULTS REPORTED ON DRY WEIGHT BASIS

SAMPLE IDENTIFIER: RN10B1012 COMPUCHEM SAMPLE NUMBER: 464051 DRY WEIGHT FACTOR: 1.17

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1P. TETRAETHYLDITHIOPYROPHOSPHATE(SULFOTEPP)	120	11
2P. PHORATE	BDL	11
3P. DIHETHOATE	BDL	11
4P. DISULFOTON	BDL	11
5P. METHYL PARATHION	BDL	11
6P. PARATHION	BDL	11

### BDL=BELOW DETECTION LINIT

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range &
Methidathion	100	(60-120)*

<sup>\*</sup>Advisory surrogate. See Quality Assurance Notice

<sup>+</sup>Detection limits have been adjusted to report variation from the nominal sample weight and dry weight.



# COMPOUND LIST APPENDIX VIII, IX - ORGANOPHOSPHORUS PESTICIDES, METHOD 8140 RESULTS REPORTED ON DRY WEIGHT BASIS

SAMPLE IDENTIFIER: RNS-DPA1
COMPUCHEM SAMPLE NUMBER: 464022
DRY WEIGHT FACTOR: 1.21

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1P. TETRAETHYLDITHIOPYROPHOSPHATE(SULFOTEPP)	BDL	12
2P. PHORATE	BDL	12
3P. DIMETHOATE	BDL	12
4P. DISULFOTON	BDL	12
5P. HETHYL PARATHION	BDL	12
6P. PARATHION	BDL	12

### BDL=BELOW DETECTION LIMIT

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Methidathion	74	(60-120)*

<sup>\*</sup>Advisory surrogate. See Quality Assurance Notice

<sup>+</sup>Detection limits have been adjusted to report variation from the nominal sample weight and dry weight.

ORGANOPHOSPHORUS PESTICIDES ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: COMPUCHEM, RTP

Contract: . .....

NS-24

Q

Lab Code: COMPU Case No.: 27893 SAS No.:

SDG No.: 2410P

Matrix: (soil/water)SOIL

Lab Sample ID: 582462

Sample wt/vol:

30.00(g/ml)G

Lab File ID:

% Moisture: 20 decanted: (Y/N)N

Date Received: 10/08/93

Extraction: (SepF/Cont/Sonc)

SONC

Date Extracted: 10/13/93

Concentrated Extract Volume: 10000(uL)

Date Analyzed: <u>10/16/93</u>

Injection Volume: 3.0(uL)

Dilution Factor: 1

GPC Cleanup: (Y/N)N

CAS NO.

pH:

COMPOUND

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg)UG/KG

298-02-2----Phorate\_ 4.2 U 3689-24-5-----Sulfotepp\_ 4.2 U 298-04-4-----Disulfoton\_ 4.2 U 60-51-5-----Dimethoate\_ <u>4.2|U</u> 298-00-0----Methyl Parathion\_ 4.2 U 56-38-2----Parathion\_ 4.2 U 52-85-7----Famphur\_ 4.2 U

#### SECTION 8

### HERBICIDES ANALYSIS - SOIL

- RN1AB1820 Soil sample from Soil Boring NS-1A at 18-20 feet.
- RN2AB1820 Soil sample from Soil Boring NS-2A at 18-20 feet.
- RN05B0204 Soil sample from Soil Boring NS-5 at 2-4 feet.
- RN06B0406 Soil sample from Soil Boring NS-6 at 4-6 feet.
- RN07B1416 Soil sample from Soil Boring NS-7 at 14-16 feet.
- RN08B1214 Soil sample from Soil Boring NS-8 at 12-14 feet.
- RN09B1214 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-9 at 12-14 feet.
- RN09B1416 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-9 at 14-16 feet.
- RN10B1012 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-10 at 10-12 feet.
- RNS-DPA1 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-10 at 10-12 feet (Duplicate).
- RN12B1416 Soil sample from Soil Boring NS-12 at 14-16 feet.
- RN13B1416 Soil sample from Soil Boring NS-13 at 14-16 feet.
- RN14B1214 Soil sample from Soil Boring NS-14 at 12-14 feet.
- RNRB60002 Soil sample from Soil Boring RB-6 at 0-2 feet.
- RNRB60204 Soil sample from Soil Boring RB-6 at 2-4 feet.
- RNRB70002 Soil sample from Soil Boring RB-7 at 0-2 feet.
- RNRB70204 Soil sample from Soil Boring RB-7 at 2-4 feet.
- NS-24 Surficial soil sample from location NS-24.

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### COMPOUND LIST APPENDIX VIII, IX - HERBICIDES, METHOD 8150 RESULTS REPORTED ON DRY WEIGHT BASIS

SAMPLE IDENTIFIER: RN1AB1820

COMPUCHEM SAMPLE NUMBER: 422060

1.15 DRY WEIGHT FACTOR:

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1. 2,4-D	BDL	110
2. 2,4,5-TP (Silvex)	BDL	29
3. 2,4,5-T	BDL	29

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	<pre>% Recovery</pre>	Control Range %
2,4-DB	44	(16-124)*

BDL=BELOW DETECTION LIMIT

+Detection limits have been adjusted to report variation from the nominal sample weight and the dry weight.



SAMPLE IDENTIFIER: RN2AB1820 COMPUCHEM SAMPLE NUMBER: 463017

DRY WEIGHT FACTOR: 1.55

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1. 2,4-D	BDL	150
2. 2,4,5-TP (Silvex)	BDL	39
3. 2,4,5-T	BDL	39

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
2,4-DB	70	(20-150)*

#### BDL=BELOW DETECTION LIMIT

+Detection limits have been adjusted to report variation from the nominal sample weight and the dry weight.



SAMPLE IDENTIFIER: RN05B0204 COMPUCHEM SAMPLE NUMBER: 421746

DRY WEIGHT FACTOR: 1.09

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1. 2,4-D	BDL	110
2. 2,4,5-TP (Silvex)	BDL	28
3. 2,4,5-T	BDL	28

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
2,4-DB	38	(16-124)*

#### BDL=BELOW DETECTION LIMIT

+Detection limits have been adjusted to report variation from the nominal sample weight and the dry weight.

DETECTION +



## COMPOUND LIST APPENDIX VIII, IX - HERBICIDES, METHOD 8150 RESULTS REPORTED ON DRY WEIGHT BASIS

SAMPLE IDENTIFIER: RN06B0406 COMPUCHEN SAMPLE NUMBER: 463019

DRY WEIGHT FACTOR:

1.15

	CONCENTRATION (ug/kg)	LIMIT (ug/kg)
1. 2,4-D	BDL	110
2. 2,4,5-TP (Silvex)	BDL	29
3. 2,4,5-T	BDL	29

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
2,4-DB	69	(20-150)*

BDL=BELOW DETECTION LIMIT

+Detection limits have been adjusted to report variation from the nominal sample weight and the dry weight.



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# COMPOUND LIST APPENDIX VIII, IX - HERBICIDES, METHOD 8150 RESULTS REPORTED ON DRY WEIGHT BASIS

SAMPLE IDENTIFIER: RN07B1416
COMPUCHEN SAMPLE NUMBER: 422276

DRY WEIGHT FACTOR:

CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)	+

1.14

1. 2,4-D	BDL	110
2. 2,4,5-TP (Silvex)	BDL	29
3. 2,4,5-T	BDL	29

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
2,4-DB	44	(16-124)*

BDL=BELOW DETECTION LIMIT

+Detection limits have been adjusted to report variation from the nominal sample weight and the dry weight.



SAMPLE IDENTIFIER: RNO8B1214
COMPUCHEM SAMPLE NUMBER: 421511

DRY WEIGHT FACTOR:

1.35

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1. 2,4-D	BDL	540
2. 2,4,5-TP (Silvex)	BDL	140
3. 2,4,5-T	BDL	140

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties. 'A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
2,4-DB	67	(16-124)*

BDL=BELOW DETECTION LIMIT

+Detection limits have been adjusted to report variation from the nominal sample weight and the dry weight. See Quality Assurance Notice #2.



SAMPLE IDENTIFIER: RN09B1214
COMPUCHEN SAMPLE NUMBER: 422514
DRY WEIGHT FACTOR: 1.28

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1. 2,4-D	BDL	130
2. 2,4,5-TP (Silvex)	BDL	32
3. 2,4,5-T	BDL	32

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	<pre>% Recovery</pre>	Control Range %
2,4-DB	112	(16-124)*

#### BDL=BELOW DETECTION LIMIT

+Detection limits have been adjusted to report variation from the nominal sample weight and the dry weight.



SAMPLE IDENTIFIER: RN09B1416 COMPUCHEN SAMPLE NUMBER: 458309

DRY WEIGHT FACTOR:

1.1

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1. 2,4-D	BDL	120
2. 2,4,5-TP (Silvex)	BDL	29
3. 2,4,5-T	BDL	29

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	<pre>% Recovery</pre>	Control Range %
2,4-DB	60	(20-150)*

BDL=BELOW DETECTION LIMIT

+Detection limits have been adjusted to report variation from the nominal sample weight and the dry weight.



SAMPLE IDENTIFIER: RN10B1012 COMPUCHEN SAMPLE NUMBER: 464013

DRY WEIGHT FACTOR: 1.17

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1. 2,4-D	BDL	120
2. 2,4,5-TP (Silvex)	BDL	29
3. 2,4,5-T	BDL	29

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range 3
2,4-DB	44	(20-150)*

#### BDL=BELOW DETECTION LIMIT

+Detection limits have been adjusted to report variation from the nominal sample weight, the dry weight, and dilution.



SAMPLE IDENTIFIER: RNS-DPA1 COMPUCHEM SAMPLE NUMBER: 464010

DRY WEIGHT FACTOR:

1.21

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1. 2,4-D	BDL	240
2. 2,4,5-TP (Silvex)	BDL	60
3. 2,4,5-T	BDL	60

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
2,4-DB	42	(20-150)*

BDL=BELOW DETECTION LIMIT

+Detection limits have been adjusted to report variation from the nominal sample weight, the dry weight, and the 10:1 dilution.



SAMPLE IDENTIFIER: RN12B1416 COMPUCHEM SAMPLE NUMBER: 421751

DRY WEIGHT FACTOR:

1.18

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1. 2,4-D	BDL	240
2. 2,4,5-TP (Silvex)	BDL	59
3. 2,4,5-T	BDL	59

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %	, '
2,4-DB	113	(16-124)*	

#### BDL=BELOW DETECTION LIMIT

+Detection limits have been adjusted to report variation from the nominal sample weight, the dry weight, and dilution. See Quality Assurance Notice #2.



SAMPLE IDENTIFIER: RN13B1416
COMPUCHEM SAMPLE NUMBER: 421519
DRY WEIGHT FACTOR: 1.49

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1. 2,4-D	BDL	300
2. 2,4,5-TP (Silvex)	BDL	75
3. 2.4.5-T	BDL	75

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
2,4-DB	133	(16-124)*

#### BDL=BELOW DETECTION LIMIT

+Detection limits have been adjusted to report variation from the nominal sample weight, the dry weight, and dilution. See Quality Assurance Notice #1.



SAMPLE IDENTIFIER: RN14B1214

COMPUCHEM SAMPLE NUMBER: 422273

DRY WEIGHT FACTOR: 1.16

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1. 2,4-D	BDL	120
2. 2,4,5-TP (Silvex)	BDL	29
3. 2.4.5-T	BDL	29

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties., A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
2,4-DB	128	(16-124)*

### BDL=BELOW DETECTION LIMIT

+Detection limits have been adjusted to report variation from the nominal sample weight and the dry weight.



SAMPLE IDENTIFIER: RNRB60002 COMPUCHEM SAMPLE NUMBER: 421491

DRY WEIGHT FACTOR: 1.16

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1. 2,4-D	BDL	120
2. 2,4,5-TP (Silvex)	BDL	29
3. 2,4,5-T	BDL	29

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %				
2,4-DB	94	(16-124)*				

#### BDL=BELOW DETECTION LIMIT

+Detection limits have been adjusted to report variation from the nominal sample weight and the dry weight.



SAMPLE IDENTIFIER: RNRB60204
COMPUCHEM SAMPLE NUMBER: 421477
DRY WEIGHT FACTOR: 1.16

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1. 2,4-D	BDL	120
2. 2,4,5-TP (Silvex)	BDL	29
3. 2,4,5-T	BDL	29

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties.  $\lambda$  known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %				
2,4-DB	84	(16-124)*				

BDL=BELOW DETECTION LIMIT

+Detection limits have been adjusted to report variation from the nominal sample weight and the dry weight.



SAMPLE IDENTIFIER: RNRB70002 COMPUCHEM SAMPLE NUMBER: 426249

DRY WEIGHT FACTOR: 1.00

++

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1. 2,4-D	BDL	400
2. 2,4,5-TP (Silvex)	BDL	100
3. 2,4,5-T	BDL	100

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	<pre>% Recovery</pre>	Control Range %				
2,4-DB	**	(16-124)*				

BDL=BELOW DETECTION LIMIT

- +Detection limits have been adjusted to report variation from the nominal sample weight, the dry weight, and 20:1 dilution.
- \*Advisory surrogate; with the exception of dilitions recovery below 10% requires an action step (re-extraction and reanalysis). See Quality Assurance Notice.
- \*\*No surrogate recovery data available due to a dilution and /or matrix interference. See Quality Assurance Notice #2.
- ++ Dry weight factor =1.00 for rinsate blank

P.O. Box 12652 3308 Chapel Hill/Nelson Highway Research Triangle Park, NC 27709 (919) 549-8263

### COMPOUND LIST APPENDIX VIII, IX - HERBICIDES, METHOD 8150 RESULTS REPORTED ON DRY WEIGHT BASIS

SAMPLE IDENTIFIER: RNRB70204 COMPUCHEM SAMPLE NUMBER: 421504

DRY WEIGHT FACTOR: 1.16

	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1. 2,4-D	BDL	230
2. 2,4,5-TP (Silvex)	BDL	58
3. 2,4,5-T	BDL	58

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
2,4-DB	68	(16-124)*

#### BDL=BELOW DETECTION LIMIT

+Detection limits have been adjusted to report variation from the nominal sample weight and the dry weight. See Quality Assurance Notice #1.

HERBICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

NS-24

Lab Name: COMPUCHEM, RTP

Contract:

Lab Code: COMPU Case No.: 27893 SAS No.:

SDG No.: <u>365H</u>

Matrix: (soil/water)SOIL

Lab Sample ID: <u>582466 D50</u>

Sample wt/vol:

50.30(g/ml)G

Lab File ID:

CONCENTRATION UNITS:

% Moisture: 20 decanted: (Y/N)N

Date Received: 10/08/93

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 10/13/93

Concentrated Extract Volume: 5000(uL)

Date Analyzed: 10/28/93

Injection Volume: 1.0(uL)

Dilution Factor: 5

GPC Cleanup: (Y/N)N

pH:

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND (ug/L or ug/Kg)UG/KG Q 620 U 94-75-7----2,4-D\_ 93-72-1----2,4,5-TP (Silvex) 160 | U 160 U 93-76-5----2,4,5-T

#### SECTION 9

#### POLYCHLORINATED DIBENZO-P-DIOXIN/FURAN ANALYSIS - SOIL

RN14B1214 - Soil sample from Soil Boring NS-14 at 12-14 feet.

RN07B1416 - Soil sample from Soil Boring NS-7 at 14-16 feet.

RN2AB1820 - Soil sample from Soil Boring NS-2A at 18-20 feet.

RN06B0406 - Soil sample from Soil Boring NS-6 at 4-6 feet.

RN05B0204 - Soil sample from Soil Boring NS-5 at 2-4 feet.

RN12B1416 - Soil sample from Soil Boring NS-12 at 14-16 feet.

RN08B1214 - Soil sample from Soil Boring NS-8 at 12-14 feet.

RNRB60204 - Soil sample from Soil Boring RB-6 at 2-4 feet.

RNRB70002 - Soil sample from Soil Boring RB-7 at 0-2 feet.

RNRB60002 - Soil sample from Soil Boring RB-6 at 0-2 feet.

RNRB70204 - Soil sample from Soil Boring RB-7 at 2-4 feet.

RN13B1416 - Soil sample from Soil Boring NS-13 at 14-16 feet.

RN09B1214 - Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-9 at 12-14 feet.

RN1AB1820 - Soil sample from Soil Boring NS-1A at 18-20 feet.

RNG101012 - Soil sample from Soil Boring GE-10 at 10-12 feet.

RNG090810 - Soil sample from Soil Boring GE-9 at 8-10 feet.

RNG111012 - Soil sample from Soil Boring GE-11 at 10-12 feet.

RN10B1012 - Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-10 at 10-12 feet.

RNS-DPA1 - Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-10 at 10-12 feet (Duplicate).

RN09B1416 - Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-9 at 14-16 feet.

RN11B0810 - Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-11 at 8-10 feet.

NS-24 - Surficial soil sample from location NS-24.

PAGE 1 of 2

DATE: 11/24/92

LABORATORY: Chemifest

Ticket# CN-8155

Project Name: General Electric Company

#### TOTAL ANALYTE QUANTITY FOUND

(ppb or na/a)

DI I FROM													shbo or uits its					
CLIENT		GC/NS	GC/NS	INST.	2378						2378							
ID.	CHF	DATE	TIME	ID.	TCDO	TCDD	PeCDD	HxCDD	HpCDD	OCDO	TODE	TCOF	PeCDF	HXCDF	HpCDF	OCDF		
			****	******	*******	7 <b>4</b> 32222	26731H31		*****	*****	******	*******	*******		talista aratara	******		
RN1481214 // 422266	8155-1	06/04/91	14:06	CN-6	ND	ND	ND	0.44	1_0	4,3	0.060	0.37	0.57	2.2	2.0	0.75		
Datection Limit					0,054	0.054	0.12											
RN0781416 // 422267	8155-2	06/04/91	14.14	ou c	440													
* * * * * * * * * * * * * * * * * * * *	0133-2	00/04/9/	14:14	CH-6	HED	ND	0.076	0.16	0.28	0.24	1.2	5.3	4.0	3.5	1.7	1.1		
Detection Limit					0.065	0.065												

A \* MAXIMUM POSSIBLE CONCENTRATION

-#C-TCDD:---Carbon-13-labeled-2;3;7;8-tetrachlorod(benzod(cxin-(12-carbons)-

\*C-TCDF: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzoturan (12 carbons)

\*C-OCDD: Carbon 13 labeled octachlorodibenzodioxia (12 carbons)

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Approved by:

PAGE 2 of 2

DATE: 11/24/92

LABORATORY: ChemWest

Ticket# CW-8155

Project Name: General Electric Company

CLIENT		GC/MS	GC/MS	INST.		ABSOLUTE % RECOVERY  of INTERNAL STANDARDS							SURROGATE \$ ACCURACY				
ID.	CW#	DATE	TIME	ID.	*C-TCDD	*C-PeCDD	*C-H×CDD	*C-HpCDD				*CI-TCDD	*C-HxCDD	*C-HpCDF			
RN14B1214 // 422266 Detection Limit	8155-1	06/04/91	14:06	CW-2	76,4	82.5	87.4	69.3	44.3	71.3	87.6	95.2	89.0	60,8			
RN07B1416 // 422267 Detection Limit	8155-2	06/04/91	14:14	CW-2	81.6	91.0	97.1	79.1	51.1	79.0	95.0	94.7	92.4	117			

INTERNAL STANDARDS

\*C-TCDD = 13C12-2378-TCDD

\*C-PeCDD = 13C12-12378-PeCDD

\*C-HxCDD = 13C12-123678-HxCDD

\*C-HpCDD = 13C12-1234678-HpCDD

\*C-TCDF = 13C12-2378-TCDF

SURROGATES

\*CI-TCDD = 37CL4-2378-TCDD

\*C-HxCDD = 13C12-123789-HxCDD

\*C-PeCDF = 13C12-12378-PeCDF

\*C-HPCDF = 13C12-1234678-HpCDF

PAGE 1 of 2

DATE: 09/15/92

LABORATORY: ChemWest

Ticket# CW-8971

Project Name: General Electric Company

#### TOTAL ANALYTE QUANTITY FOUND

(ppb or ng/g)

CLIENT		GC/MS	GC/MS	INST.	2378						2378	ppu or	ng/g/			
ID.	CW#	DATE	TIME	ID.	TCDD	TCDD	PeCDD	HxCDD	HpCDD	OCDD	TCDF	TCDF	PeCDF	HxCDF	HpCDF	OCDF
RN2AB1820 // 463045 Detection Limit	8971-2	12/11/91	10:29	CW-2	ND 0.023	ND 0.029	ND 0.026	aND 0.11	aND 0.067	0.11	0.20	0.98	1.8	1.6	0.54	0.33
RN06B0406 // 463055 Detection Limit	8971-4	12/11/91	11:11	CW-2	ND 0.11	ND 0.24	1,1	2.5	2.2	1.6	6.1	20.8	32.7	37.6	16.5	10.1
RN06B0406 // 463055 Detection Limit	8971-4BRX	12/29/91	13:47	CW-2	ND 0.19	aND 0.24	aND 1.1	2.8	2.7	1.9	8.9	36.6	48.4	46.4	20.5	12.3

#### 9 = MAXIMUM POSSIBLE CONCENTRATION

\*C-TCDD: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzodioxin (12 carbons)

\*C-TCDF: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzofuran (12 carbons)

\*C-OCDD: Carbon 13 labeled octachlorodibenzodioxin (12 carbons)

Approved by:

PAGE 2 of 2

DATE: 09/15/92

LABORATORY: ChemWest

Ticket# CW-8971

Project Name: General Electric Company

ABSOLUTE % RECOVERY

SURROGATE \$

							OT INII	THIR DIVI	ACCURACT					
CLIENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST.		*C-PeCDD	*C-HxCDD	•						*C-HpCDF
RN2AB1820 // 463045 Detection Limit	8971-2	12/11/91	10:29	CW-2	74.7	83.3	88.2	76,3	53.2	62,2	82.4	101	96.3	96.0
RN06B0406 // 463055 Detection Limit	8971-4	12/11/91	11:11	CW~2	34.5	69.0	81.6	74.2	53.5	13.9	72.7	99.2	97.7	95.0
RN06B0406 // 463055 Detection Limit	8971-4BRX	12/29/91	13:47	CW-2	87.1	95.5	102	91.0	62.0	81.9	95.9	101	98.5	99.9

INTERNAL STANDARDS

\*C-TCDD = 13C12-2378-TCDD

\*C-PeCDD = 13C12-12378-PeCDD

\*C-HxCDD = 13C12-123678-HxCDD

\*C-HpCDD = 13C12-1234678-HpCDD

\*C-TCDF = 13C12-2378-TCDF

SURROGATES

\*CI-TCDD = 37CL4-2378-TCDD

\*C-HxCDD = 13C12-123789-HxCDD

\*C-PeCDF = 13C12-12378-PeCDF

\*C-HPCDF = 13C12-1234678-HpCDF

Approved by:

PAGE 1 of 2

DATE: 11/10/92

LABORATORY: ChamWest

Ticket# CW-8140

Project Name: General Electric Company

#### TOTAL ANALYTE QUANTITY FOUND

(ppb or ng/g)

CLIENT		GC/MS	GC/MS	INST.	2378											
ID.	CW#	DATE	TIME	ID.	TCDD	TCDD	PeCDD	HxCDD	Hp CDD	OCDD	TCDF	TCDF	PeCDF	HxCDF	HpCDF	OCDF
			=======						*****			*****	*****	*******		
RN05B0204 // 421743	8140-1	05/30/91	20:05	CW-6	ND	ND	ND	ND	0.40	0.59	0.37	0.70	1.8	4.2	1.9	0.81
Detection Limit					0.17	0.17	0.17	0.14								
DN1301416 // 431744	0140 0	0F /70 /01	20 - 41	04.6	ND.	MD	OND	, ,	2.0		0.17			0.0	<b>5</b> 0	0.6
RN12B1416 // 421744	8140-2	05/30/91	20:41	CW-6	ND	ND	aND	1.5	2.8	17.7	0.13	1.0	4.6	9.9	5.9	2,6
Detection Limit					0.072	0.072	0.23									

#### a = MAXIMUM POSSIBLE CONCENTRATION

\*C-TCDD: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzodioxin (12 carbons)

\*C-TCDF: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzofuran (12 carbons)

\*C-OCDD: Carbon 13 labeled octachlorodibenzodioxin (12 carbons)

Approved by:

CHEMWEST ANALYTICAL LABORATORIES INC.

PAGE 2 of 2

DATE: 11/10/92

LABORATORY: ChemWest

Ticket# CW-8140

Project Name: General Electric Company

							ABSOLU	SURROGATE \$						
							of INT	ERNAL STAI		ACCURACY				
CLIENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST.		*C-PeCDD	*C-HxCDD	*C-HpCDD	*C-OCDD	*C-TCDF	*C-PeCDF	*CI-TCDD	*C-HxCDD	*C-HpCDF
RNO5B0204 // 421743 Detection Limit	8140-1	05/30/91	20:05	CW-2	23.4	39,2	60.0	56.8	40.9	11.5	47.4	95.6	96.5	122
RN12B1416 // 421744	8140-2	03/30/91	20:41	CW-2	86,6	91.1	104	84.7	59.1	65.7	99.7	85.2	93.2	116

INTERNAL STANDARDS

\*C-TCDD = 13C12-2378-TCDD

\*C-PeCDD = 13C12-12378-PeCDD

\*C-HxCDD = 13C12-123678-HxCDD

\*C-HpCDD = 13C12-1234678-HpCDD

\*C-TCDF = 13C12-2373-TCDF

SURROGATES

\*CI-TCDD = 37CL4-2378-TCDD

\*C-HxCDD = 13C12-123789-HxCDD

\*C-PeCDF = 13C12-12378-PeCDF

\*C-HPCDF = 13C12-1234678-HpCDF

PAGE 1 of 2

DATE: 11/10/92

LABORATORY: ChemWest

Ticket# CV-8137

Project Name: General Electric Company

#### TOTAL ANALYTE QUANTITY FOUND

(ppb or na/a)

											,	ppo or	ng/g/			
CLIENT		GC/MS	GC/MS	INST.	2378						2378					
1D.	CW#	DATE	TIME	ID.	TCDD	TCDD	PeCDD	HxCDD	HpCDD	OCDD	TCDF	TCDF	PeCDF	HxCDF	HpCDF	OCDF
					*******	=======	E # # # # # # # # #			=====		.======				
RNRB60204 // 421456	8137-1	05/29/91	13:33	CW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.043	0.050	0.11	0.15	0.15	0.52	0.070	0.070	0.047	0.059	0.13	0.36
													s	s		
RNRB70002 // 421464	8137-2	05/29/91	14:13	CW-6	ND	0.34	aND	3,5	2.8	1.6	21.7	134	190	188	59.9	19.2
Detection Limit					0.15		0.89									
					-											
RNRB60002 // 421466	8137-3	05/29/91	14:55	CW-6	ND	ND	ND	ND	ND	0.47	0.10	0.66	0.49	0.70	0.52	0.31
Detection Limit					0.057	0.057	0.092	0.18	0.24	•	•	•	•		•	
					•	•	•	. •	•							
RNRB70204 // 421468	8137-4	05/29/91	15:34	CW-6	ND	0.083	ND	0.96	0.77	0.58	1.4	8.5	15.4	.12.6	4.2	1.7
Detection Limit	0.127	05,25,7.	,,,,,,		0.066	••••	0.20	3,00	• • • • •		•		,,,,,		••	. •
burderron Ermir					<b>*****</b>		0									
RN08B1214 // 421470	8137-5	05/29/91	16:11	CW-6	ND	ND	ND	ND	ND	aND	1.0	5.6	13,6	24.0	8.2	3.4
Detection Limit	0.137 3	02/22/21	10.11	1711 0	0.058	0.12	0.14	0.29	0.58	0.30	,,0	J.0	15.0	2.4.0	U . L	2.4
bereciron cimir					0.000	0.12	0.14	0.23	0.00	0.50						
DN13D1416 // 421472	8137-6	05/20/01	16.40	CW-6	ND	ND	1.0	5 X	6 7	27.0	1.2	9.1	70 7	139	07.4	90.3
RN13B1416 // 421472	0137-0	05/29/91	16:48	CM-O			1.0	5.3	6.7	23.9	1.2	9,1	38.3	139	97.4	89.2
Detection Limit					0.33	0.34									,	

#### a = MAXIMUM POSSIBLE CONCENTRATION

Carbon 13 labeled 2,3,7,8-tetrachlorodibenzodioxin (12 carbons) \*C-TCDD:

\*C-TCDF: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzofuran (12 carbons)

\*C-CCDD: Carbon 13 labeled octachlorodibenzodioxin (12 carbons)

PAGE 2 of 2

DATE: 11/10/92

LABORATORY: ChemWest

Ticket# CV-8137

Project Name: General Electric Company

ABSOLUTE \$ RECOVERY
of INTERNAL STANDARDS

SURROGATE \$

						Of INII	EKNAL SIA	ACCURACT						
CLIENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST.	*C-TCDD	*C-PeCDD	*C-HxCDD	*C-H <sub>P</sub> CDD	*C-OCDD	*C-TCDF	*C-PeCDF	*CI-TCDD		*C-HpCDF
RNRB60204 // 421456 Detection Limit	8137-1	05/29/91	13:33	CW-6	76.3	85.3	85,3	66.4	43.4	77.1	86.8	95.1	93.1	120
RNRB70002 // 421464 Detection Limit	8137-2	05/29/91	14:13	CW-6	74.3	74.4	72.2	52.8	29.4	62.0	76.9	88.1	93.2	127
RNRB60002 // 421466 Detection Limit	8137-3	05/29/91	14:55	CW-6	67.0	75.2	0.08	62.5	38.9	68.2	77.8	94.2	90.8	117
RNRB70204 // 421468 Detection Limit	8137-4	05/29/91	15:34	CW-6	76.4	91.5	89.1	67.4	39.8	75.9	91.9	90.5	96.1	123
RNO8B1214 // 421470 Detection Limit	8137-5	05/29/91	16:11	CW-6	66.4	65.7	67.8	55.2	29.4	52.6	69,3	81.5	85,4	119
RN13B1416 // 421472	8137-6	05/29/91	16:48	CW-6	29.8	53.2	70.1	56.6	33,9	14.6	58.2	96.8	94.2	123

INTERNAL STANDARDS

\*C-TCDD = 13C12-2378-TCDD

\*C-PeCDD = 13C12-12378-PeCDD

\*C-HxCDD = 13C12-123678-HxCDD

\*C-HpCDD = 13C12-1234678-HpCDD

\*C-TCDF = 13C12-2378-TCDF

SURROGATES

\*CI-TCDD = 37CL4-2378-TCDD

\*C-HxCDD = 13C12-123789-HxCDD

\*C-PeCDF = 13C12-12378-PeCDF

\*C-HPCDF = 13C12-1234678-HpCDF

Approved by:

PAGE 1 of 2

DATE: 11/10/92

LABORATORY: ChemWest

Ticket# CW-8159

Project Name: General Electric Company

TOTAL ANALYTE QUANTITY FOUND

(ppb or ng/g)

											(ppo or	119797				
CLIENT		GC/MS	GC/MS	INST.	2378						2378	•			•	
ID.	CW#	DATE	TIME	ID.	TCDD	TCDD	PeCDD	HxCDD	Hp CDD	OCDD	TCDF	TCDF	PeCDF	HxCDF	HpCDF	OCDF
	*****	*********						======	======	======	*****	=======				
RN09B1214 // 422512	8159-2RX	06/17/91	11:39	CW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.064	0.064	0.20	0.16	0.22	0.78	0.048	0.060	0.077	0.085	0.16	0.31

#### a = MAXIMUM POSSIBLE CONCENTRATION

\*C-TCDD: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzodioxin (12 carbons)

\*C-TCDF: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzofuran (12 carbons)

\*C-OCDD: Carbon 13 labeled octachlorodibenzodioxin (12 carbons)

Approved by:

PAGE 2 of 2

DATE: 11/10/92 LABORATORY: ChemWest

Ticket# CW-8159

Project Name: General Electric Company

ABSOLUTE \$ RECOVERY of INTERNAL STANDARDS SURROGATE \$

**ACCURACY** 

							01	E. O				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
CLIENT		GC/MS	GC/MS	INST.										
ID.	CW#	DATE	TIME	ID.	*C-TCDD	*C-PeCDD	*C-HxCDD	*C-HpCDD	*C-OCDD	*C-TCDF *	C-PeCDF	*CT-TCDD	*C-HxCDD	*C-HpCDF
									========	**********		*******		
RN09B1214 // 422512	8159-2RX	06/17/91	11:39	CW-6	69.9	73.0	78.6	69.0	52.6	64.0	74.6	86.7	83.1	119
Detection Limit														

INTERNAL STANDARDS

\*C-TCDD = 13C12-2378-TCDD

\*C-PeCDD = 13C12-12378-PeCDD

\*C-HxCDD = 13C12-123678-HxCDD

\*C-HpCDD = 13C12-1234678-HpCDD

\*C-TCDF = 13C12-2378-TCDF

SURROGATES

\*CI-TCDD = 37CL4-2378-TCDD

\*C-HxCDD = 13C12-123789-HxCDD

\*C-PeCDF = 13C12-12378-PeCDF

\*C-HPCDF = 13C12-1234678-HpCDF

PAGE 1 of 2

DATE: 11/10/92

LABORATORY: ChemWest

Ticket# CW-8148

Project Name: General Electric Company

#### TOTAL ANALYTE QUANTITY FOUND

(ppb or ng/g)

											` P	· · ·	. 3 . 3 .				
CLIENT		GC/MS	GC/HS	INST.	2378						2378						
ID.	CW#	DATE	TIME	ID.	TCDD	TCDD	PeCDD	HxCDD	HpCDD	OCDD	TCDF	TCDF	PeCDF	HxCDF	HpCDF	OCDF	
<b>建铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁</b>					*****					.======		.=.====		* = = = = =			
RN1AB1820 // 422058	8148	05/30/91	21:16	CW-2	ND	ND	ND	ND	ND	0.24	0.16	0.84	2.1	3.2	1.1	0.39	
Detection Limit					0.044	0.044	0.15	0.16	0.19								

#### a = MAXIMUM POSSIBLE CONCENTRATION

\*C-TCDD: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzodioxin (12 carbons)

\*C-TCDF: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzofuran (12 carbons)

\*C-OCDD: Carbon 13 labeled octachlorodibenzodioxin (12 carbons)

Approved by:

CHEMWEST ANALYTICAL LABORATORIES INC.

PAGE 2 of 2

DATE: 11/10/92

LABORATORY: ChomWest

Ticket# CW-8148

Project Name: General Electric Company

ABSOLUTE \$ RECOVERY

SURROGATE \$
ACCURACY

of INTERNAL STANDARDS

CLIENT ID.	CW#	GC/MS DATE	TIME	•		*C-PeCDD		•				*CI-TCDD		•
RN1AB1820 // 422058 Detection Limit		05/30/91			73,1	80.3	83,4	69.0	48,2	67.2	85.0	95.7	89.1	122

INTERNAL STANDARDS

\*C-TCDD = 13C12-2378-TCDD

\*C-PeCDD = 13C12-12378-PeCDD

\*C-HxCDD = 13C12-123678-HxCDD

\*C-HpCDD = 13C12-1234678-HpCDD

\*C-TCDF = 13C12-2378-TCDF

SURROGATES

\*CI-TCDD = 37CL4-2378-TCDD

\*C-HxCDD = 13C12-123789-HxCDD

\*C-PeCDF = 13C12-12378-PeCDF

\*C-HPCDF = 13C12-1234678-HpCDF

PAGE 1 of 2

DATE: 09/16/92

LABORATORY: ChemWest

Ticket# CW-9091

Project Name: General Electric Company

#### TOTAL ANALYTE QUANTITY FOUND

CLIENT ID.	0118	GC/MS	GC/MS	INST.	2378						2378	ppb or	ng/g)			
	CW#	DATE	TIME	ID.	TCDD	TCDD	PeCDD	HxCDD	HpCDD	OCDD	TCDF	TCDF	PeCDF	HxCDF	HpCDF	OCDF
RNG101012 // 469682	0001.1	01.400.400						=======	======	=======		a=====	= = = = = = =			
Detection Limit	9091-1	01/02/92	10:55	CW-2	ND 0.011	ND 0.011	ND 0.023	ND 0.028	ND 0.70	ND	ND	ND	ND	0.033	ND	ND
					•		0.025	0.020	0.030	0.046	0.016	0.034	0.019		0.024	0.041
RNG121012 // 469700 Detection Limit	9091-2	01/02/92	11:33	CW-2	ND 0.010	ND 0.010	ND 0.021	ND 0.039	ND 0.035	ND 0 041	ND	ND	ND	aND	ND	ND
					•		0.021	0.005	0.035	0.041	0.016	0.045	0.011	0.037	0.028	0.058

#### a = MAXIMUM POSSIBLE CONCENTRATION

\*C-TCDD: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzodioxin (12 carbons)

\*C-TCDF: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzofuran (12 carbons)

\*C-OCDD: Carbon 13 labeled octachlorodibenzodioxin (12 carbons)

PAGE 2 of 2

DATE: 09/16/92

LABORATORY: ChemWost

Ticket# CW-9091

Project Name: General Electric Company

ABSOLUTE \$ RECOVERY

SURROGATE \$

							OT INI	ERNAL STAT	NUARUS			ACCURACY		
CLIENT		GC/MS	GC/MS	INST.										
10.	CW#	DATE	TIME	ID.	*C-TCDD	*C-PeCDD	*C-HxCDD	*C-HpCDD	*C-OCDD	*C-TCDF	*C-PeCDF	*CI-TCDD	*C-HxCDD	*C-HpCDF
	*********	*********	***	======			********				=======	******		
RNG101012 // 469682 Detection Limit	9091-1	01/02/92	10:55	CW-2	81.1	89.8	95.0	77.0	49.5	78.9	83.8	97.2	93,6	98.3
RNG121012 // 469700 Detection Limit	9091-2	01/02/92	11:33	CW-2	122	132	143	123	83.9	121	127	99.3	95.5	93.4

INTERNAL STANDARDS

\*C-TCDD = 13C12-2378-TCDD

\*C-PeCDD = 13C12-12378-PeCDD

\*C-HxCDD = 13C12-123678-HxCDD

\*C-HpCDD = 13C12-1234678-HpCDD

\*C-TCDF = 13C12-2378-TCDF

SURROGATES

\*CI-TCDD = 37CL4-2378-TCDD

\*C-HxCDD = 13C12-123789-HxCDD

\*C-PeCDF = 13C12-12378-PeCDF

\*C-HPCDF = 13C12-1234678-HpCDF

PAGE 1 of 2

DATE: 09/16/92

LABORATORY: ChamWest

Ticket# CW-9097

Project Name: General Electric Company

#### TOTAL ANALYTE QUANTITY FOUND

CLIENT		GC/MS	GC/MS	INST.	2378						2378	ppb or	ng/g)			
	CW#	DATE	TIME	ID.	TCDD	TCDD	PeCDD	HxCDD	HpCDD	OCDD	TCDF	TCDF	PeCDF	HxCDF	HpCDF	OCDF
PNG090810 // 470140	0007					=======	======	======	======	=====:		=======				700 MM Prop. 1001 1000 1000 1000 1000
Detection Limit	9097-1	01/02/92	12:11	CW-2	ND	ND	ND	ND	ND	ND	ND	ND	П	ND	ND	tID.
,					0.011	0.011	0.015	0.032	0.015	0.051	0.0087	0.041	0.0088	0.012	0.025	0.022
RNG111012 // 470161 Detection Limit	9097-2	01/02/92	13:43	CW-2	ND 0.012	ND 0.012	ND 0.018	aND 0 084	aND	0.065	0.13	0.72	0.78	0.78	0.33	0,19
RNG111012 // 470161	9097-1	01/02/92	12:11	CW-2	ND 0.011	ND 0.011	ND 0,015	ND 0.032	ND 0.015	ND 0.051	ND 0.0087	ND 0,041	ND 0.0088	ND 0.012	ND 0.025	0

#### a = MAXIMUM POSSIBLE CONCENTRATION

\*C-TCDD: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzodioxin (12 carbons)

\*C-TCDF: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzofuran (12 carbons)

\*C-OCDD: Carbon 13 labeled octachlorodibenzodioxin (12 carbons)

Ticket# CW-9097

Project Name: General Electric Company

PAGE 2 of 2

DATE: 09/16/92

LABORATORY: ChemWest

CLIENT		GC/MS	GC/MS	INST.				UTE \$ REC ERNAL STA				SURROGATE ACCURACY	•	
ID.	CW#	DATE	TIME	ID.								*CI-TCDD	*C-I+CDD	*C-HpCDF
RNG090810 // 470149 Detection Limit	9097-1	01/02/92	12:11	CW-2	84.4	96.3	115	99.7	64.2	86.3	93.6	98.8		•
RNG111012 // 470161 Detection Limit	9097-2	01/02/92	13:43	CW-2	87.7	104	119	104	69.1	84.4	96.5	97.9	97.4	95.2

INTERNAL STANDARDS

\*C-TCDD = 13C12-2378-TCDD

\*C-PeCDD = 13C12-12378-PeCDD

\*C-HxCDD = 13C12-123678-HxCDD

\*C-HpCDD = 13C12-1234678-HpCDD

\*C-TCDF = 13C12-2378-TCDF

SURROGATES

\*CI-TCDD = 37CL4-2378-TCDD

\*C-HxCDD = 13C12-123789-HxCDD

\*C-PeCDF = 13C12-12378-PeCDF

\*C-HPCDF = 13C12-1234678-HpCDF

PAGE 1 of 2

DATE: 09/15/92

LABORATORY: ChemWest

Ticket# CW-8991

Project Name: General Electric Company

#### TOTAL ANALYTE QUANTITY FOUND

CLIENT		GC/MS	GC/MS	INST.	2378							ppb or	ng/g)			
ID.	CW#	DATE	TIME	ID.	TCDD	TOOD	D 000				2378					
日本 计					1000	TCDD	PeCDD	HxCDD	HpCDD	OCDD	TCDF	TCDF	PeCDF	HxCDF	HpCDF	OCDF
D114 0 m 4 m 4 m 4 m 4 m 4 m 4 m 4 m 4 m 4							========		*****	=====						
RN10B1012 // 464075	8991-1	12/11/91	15:56	CW-2									*****			****
	0,,,,,	14/11/91	12:20	CW-Z	ND	ND	ND	ND	0.13	0.23	ND	ND	OND			
Detection Limit					0.036	0 070					1417	ijĐ	BND	1.1	2.9	0.90
					0.050	0.036	0.039	0.049			0.095	0.28	0.16			
RNS-DPA1 // 464084	8991-2	12/11/91	16:37	ou a												
	~~~~	12/11/31	10:57	CW-2	ND	ND	ND	ND	SND	0.37	ND	ND	aND	16	A F	
Datection Limit					0.060	0.060	0 004				, ID	HU	# IAD	1.6	4.5	1.5
					0.000	0.060	0.084	0.076	0.13		0.12	0.68	0.16			

#### a = MAXIMUM POSSIBLE CONCENTRATION

\*C-TCDD: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzodioxin (12 carbons)

\*C-TCDF: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzofuran (12 carbons)

\*C-OCDD: Carbon 13 labeled octachlorodibenzodioxin (12 carbons)

Ticket# CW-8991

Project Name: General Electric Company

PAGE 2 of 2

DATE: 09/15/92

LABORATORY: ChemWest

CLIENT	C₩#	GC/MS DATE	GC/MS	INST.				.UTE % REC TERNAL STA				SURROGATE ACCURACY	,	
	******	DAIE	TIME	1D.				*C-HpCDN	*C-OCDD	*C-TCDF	*C-PeCDF	₩CITCOD	***	· · · · · ·
RN10B1012 // 464075 Detection Limit	8991-1	12/11/91	15:56	CW-2	27.3	69,5	90.6	77.2	*======		******		"U-HxCDD	*C-HpCDF
								11.2	47.4	11.2	72,4	102	98.6	94.2
RNS-DPA1 // 464084 Detection Limit	8991-2	12/11/91	16:37	CW-2	17.2	46.1	80.9	70.0						
bergerron Limit					•	,	00.9	79.0	48.4	5.0	50.0	98.3	98.5	86.7

INTERNAL STANDARDS

\*C-TCDD = 13C12-2378-TCDD

\*C-PeCDD = 13C12-12378-PeCDD

\*C-HxCDD = 13C12-123678-HxCDD

\*C-HpCDD = 13C12-1234678-HpCDD

\*C-TCDF = 13C12-2378-TCDF

SURROGATES

\*CI-TCDD = 37CL4-2378-TCDD

\*C-HxCDD = 13C12-123789-HxCDD

\*C-PeCDF = 13C12-12378-PeCDF

\*C-HPCDF = 13C12-1234678-HpCDF

Approved by:\_\_\_\_

Ticket# CW-8991-RX

Project Name: General Electric Company

PAGE 1 of 2

DATE: 09/16/92

LABORATORY: ChemWest

#### TOTAL ANALYTE QUANTITY FOUND

CLIENT ID.	C₩#	SAMPLE SIZE	GC/MS	GC/MS	INST.	2378						2378	ppb or	ng/g)			
以 林克森 有点 静脉 化 植 植 数 数 数 数 数 数	*******		DATE	TIME	ID.	TCDD	TCDD	PeCDD	HxCDD	HpCDD	OCDD	TCDF	TCDF	PeCDF	HxCDF.	HpCDF	OCDF
RN10B1012 // 464	075 8991-1ARY	9 66 (	3 12/29/91	44 00					. = = = = = = =	=======		******	*******				*****
Detection Limit		. 0,00 (	3 12/29/91	11:09	CW-2	ND 0.014	ND 0.014	ND 0.012	ND 0.032		0.078	9ND 0.016	ND 0.056	0.083	0.44	0.96	0.32
RNS-DPA1 // 4640 Detection Limit	84 8991-2BRX	0.93 6	12/29/91	12:27	CW-2	ND 0.092	ND 0,092	ND 0.83	ND 0.88	ND 0.37	ND 1.1	ND 0,13	ND 0 • 36	ND 0.10	1.4	3,8	9ND 1.2

#### a = MAXIMUM POSSIBLE CONCENTRATION

\*C-TCDD: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzodioxin (12 carbons)

\*C-TCDF: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzofuran (12 carbons)

\*C-OCDD: Carbon 13 labeled octachlorodibenzodioxin (12 carbons)

Ticket# CW-8991-RX

Project Name: General Electric Company

PAGE 2 of 2

DATE: 09/16/92

LABORATORY: ChemWest

CLIENT		GC/MS	GC/MS	INST.				UTE % REC ERNAL STA				SURROGATE ACCURACY	,-	
ID.	CW#	DATE	TIME	ID.	*C-TCDD	*C-PeCDD		*C-HpCDD	*C-CCDD	*C-TCDF	*C-PeCDF	*CI-TCDD	*C-HxCDD	*C-HoCDE
RN10B1012 // 464075	8991-1ARX	12/29/91	11:09	CW-2	67.7		*********			=======		******		•
Detection Limit			*****	OII 2	07.7	88.1	100	92.0	60.7	47.2	89.3	100	97.3	95.9
RNS-DPA1 // 464084 Detection Limit	8991-2BRX	12/29/91	12:27	CW-2	83.7	90.4	111	95.9	57,9	71.9	92.0	101	93.7	103

INTERNAL STANDARDS

\*C-TCDD = 13C12-2378-TCDD

\*C-PeCDD = 13C12-12378-PeCDD

\*C-HxCDD = 13C12-123678-HxCDD

\*C-HpCDD = 13C12-1234678-HpCDD

\*C-TCDF = 13C12-2378-TCDF

SURROGATES

\*C1-TCDD = 37CL4-2378-TCDD

\*C-HxCDD = 13C12-123789-HxCDD

\*C-PeCDF = 13C12-12378-PeCDF

\*C-HPCDF = 13C12-1234678-HpCDF

PAGE 1 of 2

DATE: 09/16/92

LABORATORY: ChemWest

Ticket# CW-9090

Project Name: General Electric Company

#### TOTAL ANALYTE QUANTITY FOUND

(ppb or ng/g)

CLIENT		GC/MS	GC/MS	INST.	2378						2378	ppo Oi i	ig/g/			
ID.	CW#	DATE	TIME	ID.	TCDD	TCDD	PeCDD	HxCDD	HpCDD	OCDD	TCDF	TCDF	PeCDF	HxCDF	HpCDF	OCDF
<b>网络科技基系统经验基本基础的基本基础的</b>		*****		*******	*======			.======	======	======		======		****		3333333
RN09B1416 // 469530	9090-1	12/31/91	13:47	CW-2	ND	ND	ND	ND	ND	0.061	0.070	0,35	0.44	0.40	GNG	0.11
Detection Limit					0.011	0.011	0.021	0.047	0.948						0,089	
RN11B0810 // 469532	9090-2	12/31/91	15:47	CW-2	ND	ND	ND	0.69	1,1	2.8	1.9	19.0	7.4	9.8	5.8	2.7
Detection Limit		* * * * * *		<del>-</del>	0.069	0.17	0.097	0,07	, , ,	2,0	1.0	1,7,0	/•3	7.0	J.0	2.1

#### a = MAXIMUM POSSIBLE CONCENTRATION

\*C-TCDD: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzodioxin (12 carbons)

\*C-TCDF: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzofuran (12 carbons)

\*C-OCDD: Carbon 13 labeled octachlorodibenzodioxin (12 carbons)

Ticket# CW-9090

Project Name: General Electric Company

PAGE 2 of 2

DATE: 09/16/92

LABORATORY: ChamWest

ABSOLUTE % RECOVERY

CLIENT ID.	C₩#	GC/MS	GC/MS	INST.				ERNAL STA				SURROGATE ACCURACY	,-	
2. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	****	DATE	TIME	ID.	*C-TCDD	*C-PeCDD	*C-HxCDD	*C-HpCDD	*C-OCDD	*C-TCDF *	C-PeCDF	*CI-TCDD	*C=H~CDD	*C-HpCDF
RN09B1416 // 469530 Detection Limit	9090-1	12/31/91		CW-2	90.0	101	102	84.8	58.4	86.4	99.3	100	- 1010011	
RN11B0810 // 469532 Detection Limit	9090-2	12/31/91	15:47	CW-2	14.4	54.8	93.2	79.9	44.0	6.0	55,6	102	94.4	96.3

INTERNAL STANDARDS

\*C-TCDD = 13C12-2378-TCDD

\*C-PeCDD = 13C12-12378-PeCDD

\*C-HxCDD = 13C12-123678-HxCDD

\*C-HpCDD = 13C12-1234678-HpCDD

\*C-TCDF = 13C12-2378-TCDF

SURROGATES

\*CI-TCDD = 37CL4-2378-TCDD

\*C-HxCDD = 13C12-123789-HxCDD

\*C-PeCDF = 13C12-12378-PeCDF

\*C-HPCDF = 13C12-1234678-HpCDF

Ticket# CW-9090

Project Name: General Electric Company

PAGE 1 of 2

DATE: 00/16/92 LABORATORY: ChemWest

### TOTAL ANALYTE QUANTITY FOUND

CLIENT									TOTAL	ANALYTE	QUANTI	TY FOUN	ID				
ID.	CW#	SAMPLE SIZE	GC/MS DATE	GC/MS TIME	INST.	2378						2378	ppb or	ng/g)			
RN11B0810 // 4695				=======	ID.	TCDD	TCDD	PeCDD	HxCDD	HpCDD	OCDD	TODE	TCDF	PeCDF	HxCDF	HpCDF	OCDF
Detection Limit	2030-2LKA	0.85 6	01/16/92	12:19	CW-2	ND	ND	ND	aND	and and	7.0						OCDF
						0.17	0.17	0.16	1.0	3.0	7.0	4.7	21.7	25.7	20.7	12.1	9.1
RN11B0810 // 46953 Detection Limit	2 9090-2ARX	7.43 G	01/16/92	11:39	CW-2	ND 0.12	ND 0.16	aND 0.27	1,3	2.0	5.7	2.9	14.5	11.6	18.3	11.0	6.4

### ⇒ = MAXIMUM POSSIBLE CONCENTRATION

\*C-TCDD: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzodioxin (12 carbons) \*C-TCDF: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzofuran (12 carbons) \*C-OCDD: Carbon 13 labeled octachlorodibenzodioxin (12 carbons)

Ticket# CW-9090

Project Name: General Electric Company

PAGE 2 of 2

DATE: 09/16/92

LABORATORY: ChemWest

ABSOLUTE	8	RECOVERY
A INTERNA		

SURROGATE &

CLIENT		GC/MS	GC/MS	INST.			of INT	ERNAL STAI	NDARDS			ACCURACY	,-		
1D.	CW#	DATE	TIME	ID.		*C-PeCDD	*C-HxCDD	*C-HpCDD	*C-OCDD	*C-TCDF	*C-PeCDF	*CI-TCDD	*C-HxCDD	*C-HpCDF	
RN11B0810 // 469532 Detection Limit	9090~2BRX	01/16/92	12:19	CW-2	72.4	91.6	98.6	84.1	47.3	54.8	94.8	101		•	
RN11B0810 // 469532 Detection Limit	9090-2ARX	01/16/92	11:39	CW-2	7.8	42.8	86.3	75.2	37.9	3.0	47.5	100	103	94.9	

INTERNAL STANDARDS

\*C-TCDD = 13C12-2378-TCDD

\*C-PeCDD = 13C12-12378-PeCDD

\*C-HxCDD = 13C12-123678-HxCDD

\*C-HpCDD = 13C12-1234678-HpCDD

\*C-TCDF = 13C12-2378-TCDF

SURROGATES

\*C1-TCDD = 37CL4-2378-TCDD

\*C-HxCDD = 13C12-123789-HxCDD

\*C-PeCDF = 13C12-12378-PeCDF

\*C-HPCDF = 13C12-1234678-HpCDF

### COMPUCHEM LABORATORIES

#### PCDD/PCDF SUMMARY REPORT

SAMPLE: NS-24 PROJECT ID: 93-29

SPECIFIC ANALYTES	CONC (PPB)	DL (PPB)	BLANK (PPB)	Definitions:
2,3,7,8-TCDD	ND	0.11	ND	CONC - The concentration, given in
1,2,3,7,8-PeCDD	ND	0.2	ND	parts per billion (ppb) or parts
1,2,3,4,7,8-HxCDD	ND	0.32	ND	per trillion (ppt).
1,2,3,6,7,8-HxCDD	ND	0.16	ND	
1,2,3,7,8,9-HxCDD	ND	0.27	NO	DL - The detection limit, given in
1,2,3,4,6,7,8-HpCDD	ND	0.33	ND	parts per billion (ppb), parts
OCDD	ND	0.43	ND	per trillion (ppt), or in
				nanograms (ng).
2,3,7,8-TCDF	ND	0.099	ND	
1,2,3,7,8-PeCDF	ND	0.15	ND	BLANK - The concentration of the
2,3,4,7,8-PeCDF	ND	0.16	ND	method blank.
1,2,3,4,7,8-HxCDF	ND	0.18	ND	
1,2,3,6,7,8-HxCDF	ND	0.14	ND	ND - (Non-Detect) The
2,3,4,6,7,8-HxCDF	ND	0.26	ND	concentration of the analyte
1,2,3,7,8,9-HxCDF	ND	0.34	ND	is less than the detection
1,2,3,4,6,7,8-HpCDF	ND	0.27	ND	limit.
1,2,3,4,7,8,9-HpCDF	ND	0.29	ND	
OCDF	ND	0.54	ND	The state of the s
			_	

TOTAL ANALYTES	CONC (PPB)	DL (PPB)	
TOTAL TCDD TOTAL PeCDD TOTAL HxCDD	ND ND ND	0.11 0.20 0.32	
TOTAL HPCDD	ND	0.33	
TOTAL TODE	ND	0.10	
TOTAL PeCDF	ND	0.16	
TOTAL HXCDF	ND	0.34	
TOTAL HPCDF	ND	0.29	

TOTAL DIOXINS/FURANS: ND

TOTAL 2,3,7,8-TCDD TOXICITY (1989 ITEF) EQUIVALENTS: ND

For information, please reference the following when contacting our Technical Services Department:

TLH Project: P012644

TLH Batch:

B000563S

TLH File:

MA00867

#### SECTION 10

#### METALS ANALYSIS - SOIL

RN1AB1820 - Soil sample from Soil Boring NS-1A at 18-20 feet.

RN2AB1820 - Soil sample from Soil Boring NS-2A at 18-20 feet.

RN05B0204 - Soil sample from Soil Boring NS-5 at 2-4 feet.

RN06B0406 - Soil sample from Soil Boring NS-6 at 4-6 feet.

RN08B1214 - Soil sample from Soil Boring NS-8 at 12-14 feet.

RN09B1214 - Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-9 at 12-14 feet.

RN09B1416 - Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-9 at 14-16 feet.

RN10B1012 - Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-10 at 10-12 feet.

RNS-DPA1 - Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-10 at 10-12 feet (Duplicate).

RN11B0810 - Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-11 at 8-10 feet.

RN12B1416 - Soil sample from Soil Boring NS-12 at 14-16 feet.

RN13B1416 - Soil sample from Soil Boring NS-13 at 14-16 feet.

RN14B1214 - Soil sample from Soil Boring NS-14 at 12-14 feet.

RNRB60002 - Soil sample from Soil Boring RB-6 at 0-2 feet.

RNRB60204 - Soil sample from Soil Boring RB-6 at 2-4 feet.

RNRB70002 - Soil sample from Soil Boring RB-7 at 0-2 feet.

RNRB70204 - Soil sample from Soil Boring RB-7 at 2-4 feet.

RNG090810 - Soil sample from Soil Boring GE-9 at 8-10 feet.

RNG101012 - Soil sample from Soil Boring GE-10 at 10-12 feet.

RNG111012 - Soil sample from Soil Boring GE-11 at 10-12 feet.

RNSGE-8 - Surficial soil sample from location GE-8.

NS-24 - Surficial soil sample from location NS-24.

## CLIENT SAMPLE NO.

	INORGANIC	: ANAL)	ISIS DATA S	oneer		
Lab Name: COMPUCHEM 1	LABORATORIES	Pionistra and a second	Contract:	SW-846	R	N1AB1820
Lab Code: COMPU	Case No.:	50007	SAS No	o.:	SDG	No.: 937217
<pre>Matrix (soil/water):</pre>	SOIL			Lab Sample	ID:	422061
Level (low/med):	LOW			Date Recei	ved:	05/24/91
% Solids:	86.0					

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	С	Q	M
7429-90-5	Aluminum	7480	-		P
7440-36-0	Antimony	3.8	U	N	P
7440-38-2	Arsenic	3.1		N	F
7440-39-3	Barium	17.2	В		P
7440-41-7	Beryllium	.16	В		P
7440-43-9	Cadmium	.47	U		P
7440-70-2	Calcium	7820			P
7440-47-3	Chromium	8.9			P
7440-48-4	Cobalt	9.6			P
7440-50-8	Copper	37.8			P
7439-89-6	Iron	16800			P
7439-92-1	Lead	21.1		A	F
7439-95-4	Magnesium	5750			P
7439-96-5	Manganese	422			P
7439-97-6	Mercury	.12	U		CV
7440-02-0	Nickel	18.1			P
7440-09-7	Potassium	528	В		P
7782-49-2	Selenium	.46	U	WN	F
7440-22-4	Silver	.58	U	N	P
7440-23-5	Sodium	74.3	В		P
7440-28-0	Thallium	.35	U		F
7440-62-2	Vanadium	7.1			P
7440-66-6	Zinc	57.3			P
	Cyanide				NR

Color	Before:	BROWN		Clarity	Before:	Addings from the Addings to the Addings of the Addi	Texture:	MEDIUM
Color	After:	COLORLI	ESS	Clarity	After:	-	Artifacts:	
Comme: FOI	nts: RM 1.04	- PAGE	4					

### 1 INORGANIC ANALYSIS DATA SHEET

CLIENT	SAM	PLE	NO

Lab Name:	COMPUCHEM	LABORATO	ORIES	***************************************	Contract:	SW-846	R	N2AB1	.820
Lab Code:	COMPU	Case	No.:	50007	SAS No	o.:	SDG	No.:	937275
Matrix (so	oil/water):	SOIL				Lab Sampl	e ID:	4630	38
Level (lov	w/med):	LOW				Date Rece	ived:	11/1	3/91
% Solids:		64.4							

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	8300			P
7440-36-0	Antimony	5.6	U	N	P
7440-38-2	Arsenic	4.0		N	F
7440-39-3	Barium	24.3	В		P
7440-41-7	Beryllium	.19	В		P
7440-43-9	Cadmium	.78	U		P
7440-70-2	Calcium	4700			P
7440-47-3	Chromium	10.9			P
7440-48-4	Cobalt	11.2			P
7440-50-8	Copper	33.5			P
7439-89-6	Iron	18700		E	P
7439-92-1	Lead	20.7			F
7439-95-4	Magnesium	4640			P
7439-96-5	Manganese	413			P
7439-97-6	Mercury	.16	U	N*	CV
7440-02-0	Nickel	18.1			P
7440-09-7	Potassium	590	В		P
7782-49-2	Selenium	.62	В	WN	F
7440-22-4	Silver	.93	Ü	*	P
7440-23-5	Sodium	140	В		P
7440-28-0	Thallium	.31	U	W	F
7440-62-2	Vanadium	9.3			P
7440-66-6	Zinc	77.9		E	P
	Cyanide				NR

Color	Before:	BROWN	manga avadenkilde	Clarity	Before:	Texture:	COARSE
Color	After:	YELLOW		Clarity	After:	 Artifacts:	
Commer FOI	nts: RM 1.04 -	- PAGE	1				

#### 1 INORGANIC ANALYSIS DATA SHEET

CT	7	TNT	SZ	MD	TF	NO.	
	1	CIAT		MIL.	LAC	140 .	

Lab Name: COMPUCHEM	LABORATORIES	Contract: SW-846	RN05B0204
Lab Code: COMPU	Case No.: 50007	SAS No.:	SDG No.: 939204
Matrix (soil/water)	: SOIL	Lab Sample	ID: 421749
Level (low/med):	LOW	Date Recei	ived: 05/23/91

% Solids: 83.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	c	Q	М
7429-90-5	Aluminum	8140	_		P
7440-36-0	Antimony	2.7	U	N	P
7440-38-2	Arsenic	2.9			F
7440-39-3	Barium	246		*	P
7440-41-7	Beryllium	.20	В		P
7440-43-9	Cadmium	1.2	Г		P
7440-70-2	Calcium	21500		E	P
7440-47-3	Chromium	25.4			P
7440-48-4	Cobalt	8.7			P
7440-50-8	Copper	193			P
7439-89-6	Iron	18300		E	P
7439-92-1	Lead	271		*	P
7439-95-4	Magnesium	12000			P
7439-96-5	Manganese	405		E*	P
7439-97-6	Mercury	4.6			CV
7440-02-0	Nickel	19.3			P
7440-09-7	Potassium	484	В		P
7782-49-2	Selenium	.36	U	WN	F
7440-22-4	Silver	.60	Ū	N	P
7440-23-5	Sodium	268	В		P
7440-28-0	Thallium	7.2	Ū	N	F
7440-62-2	Vanadium	17.1			P
7440-66-6	Zinc	986		Ε	P
	Cyanide				NR

Color	Before:	BROWN	-	Clarity	Before:	Texture:	MEDIU
Color	After:	COLORL	ESS	Clarity	After:	Artifacts:	
Commer FOF	nts: RM 1.04	- PAGE	1				

# INORGANIC ANALYSIS DATA SHEET

RN06B0406

Lab Name: COMPUCHEM LABORATORIES Contract: SW-846

Matrix (soil/water): SOIL

Lab Sample ID: 463050

Level (low/med): LOW

Date Received: 11/13/91

% Solids:

86.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No. Analyte		  Concentration	c	Q	М
7429-90-5	Aluminum	10700			P
7440-36-0	Antimony	7.9		N	P
7440-38-2	Arsenic	10.2		AN	F
7440-39-3	Barium	152			P
7440-41-7	Beryllium	.29	В		P
7440-43-9	Cadmium	5.6			P
7440-70-2	Calcium	25000			P
7440-47-3	Chromium	62.4			P
7440-48-4	Cobalt	11.9			P
7440-50-8	Copper	1060			P
7439-89-6	Iron	28400		E	P
7439-92-1	Lead	520		N	P
7439-95-4	Magnesium	11000			P
7439-96-5	Manganese	875			P
7439-97-6	Mercury	3.3		N*	CV
7440-02-0	Nickel	45.0			P
7440-09-7	Potassium	816			P
7782-49-2	Selenium	.35	U	WN	F
7440-22-4	Silver	1.4		*	P
7440-23-5	Sodium	280	В		P
7440-28-0	Thallium	.23	Ū	W	F
7440-62-2	Vanadium	12.4			P
7440-66-6	Zinc	806		E	P
	Cyanide				NR

Color	Before:	BROWN		Clarity	Before:	 Texture:	MEDIU
Color	After:	YELLOW		Clarity	After:	Artifacts:	
Commer FOI	nts: RM 1.04 -	- PAGE	2				

#### 1 INORGANIC ANALYSIS DATA SHEET

CLI	ENT	SAMPLE	NO.
		~~~~~	

	INORGANIC A	ANALYSIS DATA SHEET	
Lab Name: COMPUCHEM	LABORATORIES	Contract: SW-846	RN08B1214
Lab Code: COMPU	Case No.: <u>50</u>	0007 SAS No.:	SDG No.: 939204
Matrix (soil/water):	SOIL	Lab Sampl	e ID: 421512
Level (low/med):	LOW	Date Rece	ived: <u>05/22/91</u>
% Solids:	66.0		

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	11400			P
7440-36-0	Antimony	3.3	U	N	P
7440-38-2	Arsenic	7.1			F
7440-39-3	Barium	670		*	P
7440-41-7	Beryllium	.55	В		P
7440-43-9	Cadmium	.61	U		P
7440-70-2	Calcium	1420	Г	E	P
7440-47-3	Chromium	19.7	Π		P
7440-48-4	Cobalt	11.3			P
7440-50-8	Copper	233			P
7439-89-6	Iron	23100		E	P
7439-92-1	Lead	235		*	P
7439-95-4	Magnesium	3840			P
7439-96-5	Manganese	195		E*	P
7439-97-6	Mercury	.16	П		CV
7440-02-0	Nickel	27.6	Г		P
7440-09-7	Potassium	649	В		P
7782-49-2	Selenium	.91	U	N	F
7440-22-4	Silver	.76	U	N	P
7440-23-5	Sodium	368	В		P
7440-28-0	Thallium	9.1	U	WN	F
7440-62-2	Vanadium	19.2	Г		P
7440-66-6	Zinc	216		E	P
	Cyanide		Г		NR

Color	Before:	BROWN		Clarity	Before:	*Vice-State Contraction of the C	Texture:	MEDIUM
Color	After:	YELLOW		Clarity	After:	***	Artifacts:	
Comme: FO:	nts: RM 1.04 -	- PAGE	2					

### 1 INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

						RN09B1214
Lab	Name:	COMPUCHEM	LABORATORIES	Contract:	SW-846	

Matrix (soil/water): SOIL Lab Sample ID: 422516

Level (low/med): LOW Date Received: 05/29/91

, Concentration Units (ug/L or mg/kg dry weight): MG/KG

	1				T
CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	8620			P
7440-36-0	Antimony	4.2	U	N	P
7440-38-2	Arsenic	3.4		AN	F
7440-39-3	Barium	27.4		,	P
7440-41-7	Beryllium	.21	В		P
7440-43-9	Cadmium	.51	U		P
7440-70-2	Calcium	23300			P
7440-47-3	Chromium	9.2			P
7440-48-4	Cobalt	9.2			P
7440-50-8	Copper	20.9			P
7439-89-6	Iron	19400			P
7439-92-1	Lead	13.8		A	F
7439-95-4	Magnesium	14300	П		P
7439-96-5	Manganese	415			P
7439-97-6	Mercury	.13	U		CV
7440-02-0	Nickel	17.3			P
7440-09-7	Potassium	1040			P
7782-49-2	Selenium	.51	U	WN	F
7440-22-4	Silver	.63	U	N	P
7440-23-5	Sodium	192	В		P
7440-28-0	Thallium	. 38	U		F
7440-62-2	Vanadium	<b>ಪ.</b> 6			P
7440-66-6	Zinc	65.1	T		P
	Cyanide		T		NR

Color	Before:	BROWN		Clarity	Before:	-	Texture:	COARS
Color	After:	COLORL	ESS	Clarity	After:		Artifacts:	
Commer FOR	nts: RM 1.04 -	- PAGE	2					

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#### 1 INORGANIC ANALYSIS DATA SHEET

AT T E11	CAMBLE	37.0
CLIENT	SAMPLE	NO.

							RN	109B1	416
Lab Name:	COMPUCHEM	LABORATO	DRIES		Contract:	7/88			arvan
Lab Code:	COMPU	Case	No.:	50007	SAS No	.:	SDG 1	10.:	937272
Matrix (so	oil/water):	SOIL				Lab Sampl	e ID:	4583	321
Level (lov	v/med):	LOW				Date Rece	ived:	10/2	26/91
% Solids:		80.6							

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	М
7429-90-5	Aluminum	8830			P
7440-36-0	Antimony	4.4	U	N	P
7440-38-2	Arsenic	4.7			F
7440-39-3	Barium	17.0	В	1	P
7440-41-7	Beryllium	.12	U		P
7440-43-9	Cadmium	.61	U		P
7440-70-2	Calcium	9840		*	P
7440-47-3	Chromium	10.0			P
7440-48-4	Cobalt	13.2			P
7440-50-8	Copper	62.8		N*	P
7439-89-6	Iron	21200		E	P
7439-92-1	Lead	64.5		N	P
7439-95-4	Magnesium	7620		*	P
7439-96-5	Manganese	668			P
7439-97-6	Mercury	.12	U		CV
7440-02-0	Nickel	19.7			P
7440-09-7	Potassium	307	В		P
7782-49-2	Selenium	.36	U	WN	F
7440-22-4	Silver	.74	U	N	P
7440-23-5	Sodium	171	В		P
7440-28-0	Thallium	.24	U	W	F
7440-62-2	Vanadium	8.3			P
7440-66-6	Zinc	86.7		Ε	P
	Cyanide				NR

Color Before: BROWN	Clarity Before:	Texture: !	MEDI
Color After: YELLOW	Clarity After:	Artifacts:	
Comments: FORM 1.04 - PAGE	1		

### INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO

RN10B1012

Lab Name: COMPUCHEM LABORATORIES Contract: SW-846 

Lab Sample ID: 464063

Matrix (soil/water): SOIL

Date Received: 11/16/91 Level (low/med): LOW

% Solids: 85.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	7400			P
7440-36-0	Antimony	4.2	U	N	P
7440-38-2	Arsenic	1.5		*	F
7440-39-3	Barium	10.6	В	N*	P
7440-41-7	Beryllium	.21	В		P
7440-43-9	Cadmium	.59	U	N	P
7440-70-2	Calcium	707		E*	P
7440-47-3	Chromium	6.9		EN*	P
7440-48-4	Cobalt	7.6		*	P
7440-50-8	Copper	36.9		*	P
7439-89-6	Iron	15600		E*	P
7439-92-1	Lead	33.2		E	P
7439-95-4	Magnesium	3190			P
7439-96-5	Manganese	177		E*	P
7439-97-6	Mercury	.12	U	N	CV
7440-02-0	Nickel	16.5		N*	P
7440-09-7	Potassium	325	В		P
7782-49-2	Selenium	.35	U	WN	F
7440-22-4	Silver	.70	U	N	P
7440-23-5	Sodium	97.4	В		P
7440-28-0	Thallium	.23	U	N	F
7440-62-2	Vanadium	7.2			P
7440-66-6	Zinc	66.1		E*	P
	Cyanide				NR

color	Before:	BROWN		Clarity	Before:		Texture:	MEDI
Color	After:	YELLOW	-	Clarity	After:	and the second s	Artifacts:	
FO	nts: RM 1.04 -	- PAGE	1					

### INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO

 DUP OF

Lab Name: COMPUCHEM LABORATORIES Contract: SW-846

Lab Code: COMPU Case No.: 50007 SAS No.: \_\_\_\_ SDG No.: 937276

Matrix (soil/water): SOIL

Lab Sample ID: 464025

Level (low/med): LOW

7,5

Date Received: 11/16/91

% Solids:

82.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	c	Q	М
7429-90-5	Aluminum	7750	_		P
7440-36-0	Antimony	4.3	U	N	P
7440-38-2	Arsenic	2.4		*	F
7440-39-3	Barium	63.2		N*	P
7440-41-7	Beryllium	.33	В		P
7440-43-9	Cadmium	.60	U	N	P
7440-70-2	Calcium	2010	Ť	E*	P
7440-47-3	Chromium	13.3		EN*	P
7440-48-4	Cobalt	6.2		*	P
7440-50-8	Copper	336		*	P
7439-89-6	Iron	20400		E*	P
7439-92-1	Lead	469		E	P
7439-95-4	Magnesium	3070			P
7439-96-5	Manganese	198		E*	P
7439-97-6	Mercury	.12	U	N	CV
7440-02-0	Nickel	15.2		N*	P
7440-09-7	Potassium	458	В		P
7782-49-2	Selenium	.50	-	N	F
7440-22-4	Silver	.72	-	N	P
7440-23-5	Sodium	195	В		P
7440-28-0	Thallium	.24	-	WN	F
7440-62-2	Vanadium	9.0	~		P
7440-66-6	Zinc	275	_	E*	P
	Cyanide	7.7	7	- M-	NR

Color	Before:	BROWN	With the same of t	Clarity	Before:	Texture:	MEDIU
Color	After:	YELLOW		Clarity	After:	Artifacts:	
Commer FOI	nts: RM 1.04 -	- PAGE	2				**************************************
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### 1 INORGANIC ANALYSIS DATA SHEET

CLIENT	SAMPLE	NO

Lab Name: COMPUCHEM	LABORATORIES	Contract: SW-846	RI	N11B0810
Lab Code: COMPU	Case No.:	50007 SAS No.:	SDG 1	No.: <u>937278</u>
<pre>Matrix (soil/water):</pre>	SOIL	Lab Sample	ID:	469535
Level (low/med):	<u>rom</u>	Date Recei	ved:	12/11/91
% Solids:	72.7			

Concentration Units (ug/L or mg/kg dry weight):  $\underline{\text{MG/KG}}$ 

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	9180	<u> </u>	*	P
7440-36-0	Antimony	13.9	В	N	P
7440-38-2	Arsenic	8.6		A	F
7440-39-3	Barium	240			P
7440-41-7	Beryllium	.57	В		P
7440-43-9	Cadmium	2.6			P
7440-70-2	Calcium	9190		E	P
7440-47-3	Chromium	106			P
7440-48-4	Cobalt	13.9			P
7440-50-8	Copper	980		N	P
7439-89-6	Iron	32600		*	P
7439-92-1	Lead	968		*	P
7439-95-4	Magnesium	4300			P
7439-96-5	Manganese	473		N*	P
7439-97-6	Mercury	3.7			CV
7440-02-0	Nickel	70.2			P
7440-09-7	Potassium	567	В		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	3.4		N	P
7440-23-5	Sodium	451-	В		P
7440-28-0	Thallium	.79	Ū	W	F
7440-62-2	Vanadium	21.9			P
7440-66-6	Zinc	1300			P
	Cyanide				NR

Color	Before:	BROWN		Clarity	Before:	vesterne franchier in passing on the passing of the	Texture:	MEDIU
Color	After:	YELLOW		Clarity	After:		Artifacts:	
Commer FOF	nts: RM 1.04 -	- PAGE	1					

### INORGANIC ANALYSIS DATA SHEET

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						RN12B1416
Lab	Name:	COMPUCHEM	LABORATORIES	Contract:	SW-846	

Matrix (soil/water): SOIL Lab Sample ID: 421754

Level (low/med): LOW Date Received: 05/23/91

% Solids: <u>79.0</u>

, Concentration Units (ug/L or mg/kg dry weight): MG/KG

Aluminum Antimony Arsenic Barium Beryllium Cadmium	10200 2.8 1.4 31.0 .25	U B	N *	P P F P
Arsenic Barium Beryllium Cadmium	1.4 31.0 .25	В		F P
Barium Beryllium Cadmium	31.0 .25 .51		*	P
Beryllium Cadmium	.25		*	P
Cadmium	.51			
		11		
Calcium		U		P
	25500		E	P
Chromium	10.2			P
Cobalt	9.1			P
Copper	17.3			P
ron	20600		E	P
ead	2.4		A*	F
lagnesium	17000			P
langanese	368		E*	P
lercury	.13	Ū		CV
lickel	17.6			P
otassium	1150			P
elenium	.38	Ū	WN	F
ilver	.63	Ū	N	P
odium	76.5	В		P
Challium	1.9	Ū	WN	F
/anadium	13.7			P
inc	59.4		E	P
Cyanide				NR
	hromium obalt opper ron ead agnesium anganese ercury ickel otassium elenium ilver odium hallium anadium inc	hromium         10.2           obalt         9.1           opper         17.3           ron         20600           ead         2.4           agnesium         17000           anganese         368           ercury         .13           ickel         17.6           otassium         1150           elenium         .38           ilver         .63           odium         76.5           hallium         1.9           anadium         13.7           inc         59.4	hromium         10.2           obalt         9.1           opper         17.3           ron         20600           ead         2.4           agnesium         17000           anganese         368           ercury         .13 U           ickel         17.6           otassium         1150           elenium         .38 U           ilver         .63 U           odium         76.5 B           hallium         1.9 U           anadium         13.7           inc         59.4	hromium 10.2

Color	Before:	BROWN		Clarity	Before:		Texture:	MEDIU
Color	After:	COLORL	<u>ESS</u>	Clarity	After:	***************************************	Artifacts:	
Comme: FO	nts: RM 1.04 -	- PAGE	3					

### INORGANIC ANALYSIS DATA SHEET

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						RN13B1416
Lab	Name:	COMPUCHEM	LABORATORIES	Contract:	SW-846	

Matrix (soil/water): SOIL Lab Sample ID: 421521

Level (low/med): LOW Date Received: 05/22/91

% Solids: 99.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	С	Q	M
7429-90-5	Aluminum	2690			P
7440-36-0	Antimony	2.2	U	N	P
7440-38-2	Arsenic	2.6			F
7440-39-3	Barium	54.9		* .	P
7440-41-7	Beryllium	.10	U		P
7440-43-9	Cadmium	.40	U		P
7440-70-2	Calcium	427	В	E	P
7440-47-3	Chromium	8.2			P
7440-48-4	Cobalt	2.9	В		P
7440-50-8	Copper	1440			P
7439-89-6	Iron	5410		E	P
7439-92-1	Lead	108		*	P
7439-95-4	Magnesium	969			P
7439-96-5	Manganese	51.1		E*	P
7439-97-6	Mercury	.26			CV
7440-02-0	Nickel	16.1			P
7440-09-7	Potassium	175	В		P
7782-49-2	Selenium	.67	В	AN	F
7440-22-4	Silver	.50	U	N	P
7440-23-5	Sodium	147	В		P
7440-28-0	Thallium	6.0	U	WN	F
7440-62-2	Vanadium	3.6	В		P
7440-66-6	Zinc	196		E	P
	Cyanide		T		NR

Color	Before:	BROWN	Clarity	Before:	***************************************	Texture:	MEDI
Color	After:	YELLOW	Clarity	After:	***************************************	Artifacts:	
Commer FOI		- PAGE 4					

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1
INORGANIC ANALYSIS DATA SHEET

CLIENT	SAMPLE	NO
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Lab Name: COMPUCHEM	LABORATORIES	Contract: SW-846	RN14B1214
Lab Code: COMPU	Case No.:	50007 SAS No.:	SDG No.: 937217
Matrix (soil/water)	: SOIL	Lab Sampl	e ID: 422271
Level (low/med):	LOW	Date Rece	eived: <u>05/25/91</u>
% Solids:	91.0		

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	7230			P
7440-36-0	Antimony	3.6	U	N	P
7440-38-2	Arsenic	3.3		N	F
7440-39-3	Barium	34.0			P
7440-41-7	Beryllium	.11	U		P
7440-43-9	Cadmium	.44	U		P
7440-70-2	Calcium	1320			P
7440-47-3	Chromium	9,2			P
7440-48-4	Cobalt	9.2			P
7440-50-8	Copper	68.4			P
7439-89-6	Iron	18300			P
7439-92-1	Lead	32.1			P
7439-95-4	Magnesium	3060			P
7439-96-5	Manganese	335			P
7439-97-6	Mercury	1.1			CV
7440-02-0	Nickel	17.4			P
7440-09-7	Potassium	348	В		P
7782-49-2	Selenium	.44	U	WN	F
7440-22-4	Silver	.54	U	N	P
7440-23-5	Sodium	82.9	В		P
7440-28-0	Thallium	. 33	Ū	W	F
7440-62-2	Vanadium	7.0			P
7440-66-6	Zinc	63.1			P
	Cyanide				NR

		-						
Color	Before:	BROWN		Clarity	Before:		Texture:	MEDIUM
Color	After:	COLORL	ESS	Clarity	After:	************************	Artifacts:	
Commer FO	nts: RM 1.04 -	- PAGE	3					

### 1 INORGANIC ANALYSIS DATA SHEET

CLIENT	SAMPLE	NO.

Lab Name: COMPUCHEM	LABORATORIES	Contract: SW-846	RNRE60002
Lab Code: COMPU	Case No.: <u>50007</u>	SAS No.:	SDG No.: 939204
Matrix (soil/water)	: SOIL	Lab Sampl	e ID: 421492

Level (low/med):

LOW

Date Received: 05/22/91

% Solids: 83.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration		Q	М
7429-90-5	Aluminum	6920			P
7440-36-0	Antimony	2.6	U	N	P
7440-38-2	Arsenic	3.8			F
7440-39-3	Barium	46.5		*	P
7440-41-7	Beryllium	.32	В		P
7440-43-9	Cadmium	. 58	В		P
7440-70-2	Calcium	6450		E	P
7440-47-3	Chromium	23.5			P
7440-48-4	Cobalt	7.4			P
7440-50-8	Copper	81.4			P
7439-89-6	Iron	15200		E	P
7439-92-1	Lead	60.2	Г	*	P
7439-95-4	Magnesium	6350			P
7439-96-5	Manganese	324		E*	P
7439-97-6	Mercury	.10	П		CV
7440-02-0	Nickel	13.9	П		P
7440-09-7	Potassium	422	В		P
7782-49-2	Selenium	.35	U	WN	F
7440-22-4	Silver	.60	U	N	P
7440-23-5	Sodium	56.6	В		P
7440-28-0	Thallium	7.1	Ū	N	F
7440-62-2	Vanadium	12.6	Г		P
7440-66-6	Zinc	98.1		E	P
	Cyanide				NR

Color	Before:	BROWN	Clarity	Before:	-	Texture:	MEDIUM
Color	After:	YELLOW	Clarity	After:	***************************************	Artifacts:	
FOI		- PAGE 5					

#### 1 INORGANIC ANALYSIS DATA SHEET

1						RNRB60204
Lab	Name:	COMPUCHEM	LABORATORIES	Contract:	SW-846	

Matrix (soil/water): SOIL Lab Sample ID: 421478

Level (low/med): LOW Date Received: 05/22/91

% Solids: <u>86.0</u>

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	c	Q	М
7429-90-5	Aluminum	7110	-		P
7440-36-0	Antimony	2.6	U	N	P
7440-38-2	Arsenic	4.6		A	F
7440-39-3	Barium	40.7		*	P
7440-41-7	Beryllium	.26	В		P
7440-43-9	Cadmium	.47	U		P
7440-70-2	Calcium	6040		E	P
7440-47-3	Chromium	16.8			P
7440-48-4	Cobalt	7.8			P
7440-50-8	Copper	23.1			P
7439-89-6	Iron	15200		E	P
7439-92-1	Lead	50.2		*	P
7439-95-4	Magnesium	6310			P
7439-96-5	Manganese	431		E*	P
7439-97-6	Mercury	.22			CV
7440-02-0	Nickel	13.5			P
7440-09-7	Potassium	405	В		P
7782-49-2	Selenium	.35	U	WN	F
7440-22-4	Silver	.58	U	N	P
7440-23-5	Sodium	67.5	В		P
7440-28-0	Thallium	7.0	U	WN	F
7440-62-2	Vanadium	12.8			2
7440-66-6	Zinc	67.0		E	P
	Cyanide				NR

Color Befo	ore: BROWN	N	Clarity	Before:	414	Texture:	MEDIU
Color Afte	er: YELLO	OWWC	Clarity	After:	4000 table hills valid biddens	Artifacts:	
Comments: FORM 1.	.04 - PAGI	E 6					
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#### 1 INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO	CLIEN	T SA	MPL	E N	٥.
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Lab Name: COMPUCHEM	LABORATORIES	Contract: SW-846	RNRB70002
Lab Code: COMPU	Case No.: 5000	7 SAS No.:	SDG No.: 939204
Matrix (soil/water):	SOIL	Lab Sampl	e ID: 421485
Level (low/med):	LOW	Date Rece	ived: <u>05/22/91</u>
% Solids:	86.0		

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration		Q	М
7429-90-5	Aluminum	9450	_		P
7440-36-0	Antimony	2.6	Ū	N	P
7440-38-2	Arsenic	7.9			F
7440-39-3	Barium	35.6		*	P
7440-41-7	Beryllium	.30	В		P
7440-43-9	Cadmium	.47	Ū		P
7440-70-2	Calcium	7830		E	P
7440-47-3	Chromium	9.3			P
7440-48-4	Cobalt	11.6			P
7440-50-8	Copper	17.8			P
7439-89-6	Iron	24400		E	P
7439-92-1	Lead	15.3		*	F
7439-95-4	Magnesium	6490			P
7439-96-5	Manganese	633		E*	P
7439-97-6	Mercury	3.0			CV
7440-02-0	Nickel	19.6			P
7440-09-7	Potassium	437	В		P
7782-49-2	Selenium	.35	Ū	WN	F
7440-22-4	Silver	.58	Ū	N	P
7440-23-5	Sodium	50.8	В		P
7440-28-0	Thallium	3.5	Ū	N	F
7440-62-2	Vanadium	15.6			P
7440-66-6	Zinc	82.7		E	P
	Cyanide				NR

Color	Before:	BROWN	minnonnamus.	Clarity	Before:	-	Texture:	MEDI
Color	After:	YELLOW		Clarity	After:	NESSON DESCRIPTION OF THE PROPERTY OF THE PROP	Artifacts:	
Commer FOF	nts: RM 1.04 -	- PAGE	7					
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### 1 INORGANIC ANALYSIS DATA SHEET

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	THOROTALL .	MUNICIP DATA SUFFI	
Lab Name: COMPUCHEM	LABORATORIES	Contract: SW-846	RNRB70204
Lab Code: COMPU	Case No.: 5	0007 SAS No.:	SDG No.: 939204
<pre>Matrix (soil/water):</pre>	SOIL	Lab Sample	ID: 421505
Level (low/med):	LOW	Date Recei	.ved: <u>05/22/91</u>
% Solids:	84.0		

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.   Analyte		Concentration	С	Q	M
7429-90-5	Aluminum	6920	<del> </del>	<u> </u>	P
7440-36-0	Antimony	2.6	U	N	P
7440-38-2	Arsenic	3.7			F
7440-39-3	Barium	93.4		*	P
7440-41-7	Beryllium	.24	В		P
7440-43-9	Cadmium	. 94			P
7440-70-2	Calcium	4070		E	P
7440-47-3	Chromium	25.5			P
7440-48-4	Cobalt	7.4			P
7440-50-8	Copper	184			P
7439-89-6	Iron	15400		E	P
7439-92-1	Lead	123		*	P
7439-95-4	Magnesium	4840			P
7439-96-5	Manganese	269		E*	P
7439-97-6	Mercury	.35			CV
7440-02-0	Nickel	16.0			P
7440-09-7	Potassium	446	В		P
7782-49-2	Selenium	.36	Ū	WN	F
7440-22-4	Silver	.60	Ū	N	P
7440-23-5	Sodium	132	В		F
7440-28-0	Thallium	7.1	บ	WN	F
7440-62-2	Vanadium	12.5			P
7440-66-6	Zinc	291		E	i P
	Cyanide				NR

Color	Before:	BROWN	4	Clarity	Before:		Texture:	MEDIU
Color	After:	YELLOW		Clarity	After:	***************************************	Artifacts:	
Commer FOR	nts: RM 1.74 -	- PAGE	8					

#### I INORGANIC ANALYSIS DATA SHEET

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Lab Name: COMPUCHEM	LABORATORIES	Contract: SW-846	RNG090810
Lab Code: COMPU	Case No.: <u>5</u>	0007 SAS No.:	SDG No.: 937278
<pre>Matrix (soil/water):</pre>	SOIL	Lab Sample	ID: 470172
Level (low/med):	LOW	Date Recei	ved: <u>12/13/91</u>
% Solids:	82.3		

Concentration Units (ug/L or mg/kg dry weight): MG/KG

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CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12400	$\vdash$	*	P
7440-36-0	Antimony	8.7	U	N	P
7440-38-2	Arsenic	37.4		A	F
7440-39-3	Barium	37.5	В		P
7440-41-7	Beryllium	.24	U		P
7440-43-9	Cadmium	1.2	U		P
7440-70-2	Calcium	1680		E	P
7440-47-3	Chromium	13.0			P
7440-48-4	Cobalt	14.4			P
7440-50-8	Copper	22.7		N	P
7439-89-6	Iron	32500		*	P
7439-92-1	Lead	8.9		*	F
7439-95-4	Magnesium	5050			P
7439-96-5	Manganese	1070		N*	P
7439-97-6	Mercury	.12	Ū		CV
7440-02-0	Nickel	23.9			P
7440-09-7	Potassium	286	В		P
7782-49-2	Selenium	.97	Ū		F
7440-22-4	Silver	1.5	Ü	N	P
7440-23-5	Sodium	108.	В		P
7440-28-0	Thallium	.73	U	W	F
7440-62-2	Vanadium	12.3			P
7440-66-6	Zinc	67.5			P
	Cyanide				NR

Color	Before:	BROWN		Clarity	Before:	 Texture:	MEDIUM
Color	After:	YELLOW		Clarity	After:	 Artifacts:	
Commen FOR	ts: M 1.04	- PAGE	2		•		

# INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: COMPUCHEM LABORATORIES		Contract: SW-846	RNG101012	
Lab Code: COMPU	Case No.: <u>50</u>	0007 SAS No.:	SDG No.: 937278	
<pre>Matrix (soil/water):</pre>	SOIL	Lab Sample	ID: 469611	
Level (low/med):	LOW	Date Recei	lved: <u>12/12/91</u>	
% Solids:	83.6			
Concentra	ation Units (uo	g/L or mg/kg dry weight). N	IC /KC	

CAS No. Analyte		Concentration		Q	М
7429-90-5	Aluminum	13500	-	*	P
7440-36-0	Antimony	8.2	U	N	P
7440-38-2	Arsenic	4.9			F
7440-39-3	Barium	20.6	В		P
7440-41-7	Beryllium	.23	U		P
7440-43-9	Cadmium	1.1	U		P
7440-70-2	Calcium	7070		E	P
7440-47-3	Chromium	15.2			P
7440-48-4	Cobalt	15.2			P
7440-50-8	Copper	39.1		N	P
7439-89-6	Iron	30600		*	P
7439-92-1	Lead	65.4		*	F
7439-95-4	Magnesium	8790			P
7439-96-5	Manganese	747		N*	P
7439-97-6	Mercury	.11-	U		CV
7440-02-0	Nickel	26.1			P
7440-09-7	Potassium	318	В		P
7782-49-2	Selenium	.93	Ū		F
7440-22-4	Silver	1.4	U	N	P
7440-23-5	Sodium	119	В		P
7440-28-0	Thallium	.70	U	W	F
7440-62-2	Vanadium	12.3			P
7440-66-6	Zinc	90.2			P
	Cyanide		$\dashv$		NR

Color B	Before:	BROWN	Clarity	Before:		Texture:	MEDIU
Color A	After:	YELLOW	Clarity	After:	***************************************	Artifacts:	***************************************
Comment FORM	ts: M 1.04 -	PAGE 3					

#### U.S. EPA - SW-846

1 INORGANIC ANALYSIS DATA SHEET

Lab Name:	COMPUCHEM	LABORATORIES	Contract: SW-846	RNG111012
Lab Code:	COMPU	Case No.: 50007	SAS No.:	SDG No.: 937278

Matrix (soil/water): SOIL

7.5

Lab Sample ID: 470180

Level (low/med):

LOW

Date Received: 12/13/91

% Solids:

85.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	c	Q	М
7429-90-5	Aluminum	7470		*	P
7440-36-0	Antimony	11.1	В	N	P
7440-38-2	Arsenic	4.5			F
7440-39-3	Barium	22.0	В		P
7440-41-7	Beryllium	.23	U		P
7440-43-9	Cadmium	1.1	U		P
7440-70-2	Calcium	639	В	Ε	P
7440-47-3	Chromium	9.0			P
7440-48-4	Cobalt	10.9	В		P
7440-50-8	Copper	45.5		N	P
7439-89-6	Iron	18000		*	P
7439-92-1	Lead	22.5		A*	F
7439-95-4	Magnesium	3200			P
7439-96-5	Manganese	299		N*	P
7439-97-6	Mercury	.11	U		CV
7440-02-0	Nickel	15.6			P
7440-09-7	Potassium	364	В		P
7782-49-2	Selenium	.92	U	W	F
7440-22-4	Silver	1.4	U	N	P
7440-23-5	Sodium	118	В		P
7440-28-0	Thallium	.69	U	W	F
/440-62-2	Vanadium	8.4	В		P
7440-66-6	Zinc	66.7	$\neg$		P
	Cyanide				NR

FO1	RM 1.04 -	- PAGE 4				
Color		YELLOW	Clarity	After:	Artifacts:	
Color	Before:	BROWN	Clarity	Before:	 Texture:	MEDIUM

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INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE	NO.	
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Lab Name: COMPUCHEM	LABORATORIES	Contract: SW-846	RNSGE-8
Lab Code: COMPU	Case No.: 500	007 SAS No.:	SDG No.: 937275
Matrix (soil/water):	SOIL	Lab Sampl	e ID: 465046
Level (low/med):	LOW	Date Rece	eived: <u>11/21/91</u>
% Solids:	75.4		

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	15300			P
7440-36-0	Antimony	4.8	U	N	P
7440-38-2	Arsenic	6.9		N	F
7440-39-3	Barium	75.9			P
7440-41-7	Beryllium	.43	В		P
7440-43-9.	Cadmium	1.3			P
7440-70-2	Calcium	3000			P
7440-47-3	Chromium	24.1			P
7440-48-4	Cobalt	15.7			P
7440-50-8	Copper	198			P
7439-89-6	Iron	30800		E	P
7439-92-1	Lead	235		N	P
7439-95-4	Magnesium	6260			P
7439-96-5	Manganese	910			P
7439-97-6	Mercury	.25		N*	CV
7440-02-0	Nickel	34.9			P
7440-09-7	Potassium	1470			P
7782-49-2	Selenium	.70		QN	F
7440-22-4	Silver	.80	Ü	*	P
7440-23-5	Sodium	136	B		P
7440-28-0	Thallium	.27	Ü		F
7440-62-2	Vanadium	24.2			P
7440-66-6	Zinc	300		E	P
	Cyanide				NF

Color Before:	BROWN	Clarity	Before:			Texture:	MEDIUM
Color After:	YELLOW	Clarity	After:	*****		Artifacts:	
Comments: FORM 1.04	- PAGE 3						
PLEASE REF	ERENCE ENCLOSE	O NOTICE R	REGARDING	"Q" FLA	G IN C	OLUMN Q	

FORM I - IN

### U.S. EPA - SW-846

## INORGANIC ANALYSIS DATA SHEET

CLI	LNT.	SAMPLE	INO.

Lab	Name:	COMPUCHEM EN	V. CORP.		Contract:	SW-846	NS-24	
Lab	Code:	COMPU	Case No.: §	50007	SAS No	o.:	SDG No.: 9	37361

Matrix (soil/water): <u>SOIL</u>

Lab Sample ID: 582470

Level (low/med): LOW Date Received: 10/08/93

% Solids:

79.8

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	12100		Ε	P
7440-36-0	Antimony	8.7	U		P
7440-38-2	Arsenic	14.2			F
7440-39-3	Barium	118			P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	1.2	U		P
7440-70-2	Calcium	12500		E	P
7440-47-3	Chromium	17.0			P
7440-48-4	Cobalt	7.8	В		P
7440-50-8	Copper	75.8			P
7439-89-6	Iron	24900			P
7439-92-1	Lead	200			F
7439-95-4	Magnesium	6250		E	P
7439-96-5	Manganese	354		Ε	P
7439-97-6	Mercury	.68			CV
7440-02-0	Nickel	25.9			P
7440-09-7	Potassium	583	В		P
7782-49-2	Selenium	4.7		A	F
7440-22-4	Silver	1.3	U		P
7440-23-5	Sodium	105	В		P
7440-28-0	Thallium	1.2	U	W	F
7440-62-2	Vanadium	31.0			P
7440-66-6	Zinc	289			P
V.	Cyanide				NR
372	Tin	32.1			P
22. <del>*</del>	TIN	34.1		1	

Color	Before:	BLACK	Clarity	Before:	Texture:	MEDIUM
Color	After:	YELLOW	Clarity	After:	Artifacts:	
Commer FOI	nts: RM 1.05	- PAGE 1				

#### SECTION 11

#### CYANIDE ANALYSIS - SOIL

- RN1AB1820 Soil sample from Soil Boring NS-1A at 18-20 feet.
- RN2AB1820 Soil sample from Soil Boring NS-2A at 18-20 feet.
- RN05B0204 Soil sample from Soil Boring NS-5 at 2-4 feet.
- RN06B0406 Soil sample from Soil Boring NS-6 at 4-6 feet.
- RN08B1214 Soil sample from Soil Boring NS-8 at 12-14 feet.
- RN09B1214 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-9 at 12-14 feet.
- RN09B1416 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-9 at 14-16 feet.
- RN10B1012 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-10 at 10-12 feet.
- RNS-DPA1 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-10 at 10-12 feet (Duplicate).
- RN11B0810 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-11 at 8-10 feet.
- RN12B1416 Soil sample from Soil Boring NS-12 at 14-16 feet.
- RN13B1416 Soil sample from Soil Boring NS-13 at 14-16 feet.
- RN14B1214 Soil sample from Soil Boring NS-14 at 12-14 feet.
- RNRB60002 Soil sample from Soil Boring RB-6 at 0-2 feet.
- RNRB60204 Soil sample from Soil Boring RB-6 at 2-4 feet.
- RNRB70002 Soil sample from Soil Boring RB-7 at 0-2 feet.
- RNRB70204 Soil sample from Soil Boring RB-7 at 2-4 feet.
- RNG090810 Soil sample from Soil Boring GE-9 at 8-10 feet.
- RNG101012 Soil sample from Soil Boring GE-10 at 10-12 feet.
- RNG111012 Soil sample from Soil Boring GE-11 at 10-12 feet.
- NS-24 Surficial soil sample from location NS-24.



#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RN1AB1820

COMPUCHEM SAMPLE NUMBER: 422388

DRY WEIGHT FACTOR:

1.15

PERCENT SOLID:

87.0

DETECTION +

CONCENTRATION

LIMIT

(mg/kg)

(mg/kg)

1. CYANIDE

BDL

0.57

#### BDL= BELOW DETECTION LIMIT

## 1 CLIENT SAMPLE NO.

	INORGANIC ANAL:	YSIS DATA SHEET	
Lab Name: COMPUCHEM	LABORATORIES	Contract: 7/88	RN2AB1820
Lab Code: COMPU	Case No.: 50007	SAS No.:	SDG No.: 410579
Matrix (soil/water):	SOIL	Lab Sample	D: 463043
Level (low/med):	LOW	Date Recei	ived: 11/13/91
a solide.	64 4		

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic			1	NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium			***************************************	NR
7440-28-0	Thallium		$\neg$		NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc		$\neg$		NR
	Cyanide	.77	U		AS
-	,				1

Color	Before:	BROWN	Clarity	Before:	Texture:	MEDIUM
Color	After:	COLORLESS	Clarity	After:	Artifacts:	
Commer FOI		- PAGE 2		nantagasan Amerikan and Stability and Amerikan and Amerikan and Amerikan and Amerikan and Amerikan and Amerika		•
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FORM I - IN



## RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RN05B0204

COMPUCHEM SAMPLE NUMBER: 422397

DRY WEIGHT FACTOR: 1.09

PERCENT SOLID: 91.7

CONCENTRATION LIMIT
(mg/kg) (mg/kg)

1. CYANIDE

0.63

0.54

#### BDL= BELOW DETECTION LIMIT

#### 1 INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: COMPUCHEM	LABORATORIES	Contract: 7/88	RN06B0406
Lab Code: COMPU	Case No.: <u>50007</u>	SAS No.:	SDG No.: 410579
Matrix (soil/water):	SOIL	Lab Sample	ID: 463052
Level (low/med):	LOW	Date Recei	ived: 11/13/91
% Solids:	86.7		

CAS No.	Analyte	Concentration	c	Q	M
7429-90-5	Aluminum		+		NR
7440-36-0	Antimony		T		NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver		_		NR
7440-23-5	Sodium		$\dashv$		NR
7440-28-0	Thallium		$\dashv$		NR
7440-62-2	Vanadium		$\dashv$		NR
7440-66-6	Zinc		十		NR
	Cyanide	.58	U		AS
			+		+115

Color	Before:	BROWN	Clarity	Before:		Texture:	MEDIUM
Color	After:	COLORLESS	Clarity	After:	*****************************	Artifacts:	
Commer FOF	nts: RM 1.04 -	- PAGE 1	*				
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### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNO8B1214

COMPUCHEM SAMPLE NUMBER: 421513

DRY WEIGHT FACTOR: 1.35

PERCENT SOLID: 74.1

DETECTION +

CONCENTRATION

LIMIT

(mg/kg)

(mg/kg)

1. CYANIDE

BDL

0.67

### BDL= BELOW DETECTION LIMIT



## RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RN09B1214

COMPUCHEN SAMPLE NUMBER: 422522

DRY WEIGHT FACTOR: 1.28

PERCENT SOLID: 78.1

DETECTION +

CONCENTRATION

LIMIT

(mg/kg)

(mg/kg)

1. CYANIDE

BDL

0.64

#### BDL= BELOW DETECTION LIMIT

#### 1 INORGANIC ANALYSIS DATA SHEET

CLIENT SAMP	LE	NO.
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	INORGANIC ANALY	YSIS DATA SHEET	
Lab Name: COMPUCHEM	LABORATORIES	Contract: 7/88	RN09B1416
Lab Code: COMPU	Case No.: 50007	SAS No.:	SDG No.: 410543
<pre>Matrix (soil/water):</pre>	SOIL	Lab Sample	ID: 458325
Level (low/med):	LOW	Date Rece	ived: 10/26/91
% Solids:	85.2		

CAS No.	Analyte	Concentration	-	0	M
1	Maryce			<b>~</b>	
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium			·	NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	,			NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc.				NR
4	Cyanide	. 59	Ū		AS

Color Before:	BROWN	Clarity	Before:	Texture:	MEDIUM
Color After:	COLORLESS	Clarity	After:	 Artifacts:	
Comments: FORM 1.04	- PAGE 2	-			PARTITION AND ADDRESS OF THE PARTITION AND AD

# 1 CLIENT SAMPLE NO. INORGANIC ANALYSIS DATA SHEET

Lab Name: COMPUCHEM	LABORATORIES		Contract: 7/88	   	RN10B1012
Lab Code: COMPU	Case No.:	50007	SAS No.:	SDG	No.: 10543A
<pre>Matrix (soil/water):</pre>	SOIL		Lab Samp	le ID:	464066
Level (low/med):	LOW		Date Rece	eived:	11/16/91
& Solide.	95 3		•		

85.3

CAS No.	Analyte	Concentration	C	Q	м
7429-90-5	Aluminum		T		NR
7440-36-0	Antimony		П		NR
7440-38-2	Arsenic		T		NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium		Г		NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide	. 59	Ū	*	AS
					1

Color	Before:	BROWN	Clarity	Before:	Texture:	COARSE
Color	After:	COLORLESS	Clarity	After:	 Artifacts:	
Commer FOR	nts: RM 1.04 -	- PAGE 1				***************************************
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# 1 CLIENT SAMPLE NO. INORGANIC ANALYSIS DATA SHEET

Lab Name: COMPUCHEM	LABORATORIES	Contract: 7/88	RNS-DPA1
Lab Code: COMPU	Case No.:	50007 SAS No.:	SDG No.: 10543A
<pre>Matrix (soil/water):</pre>	SOIL	Lab Sample	ID: 464034
Level (low/med):	LOW	Date Recei	ved: 11/16/91
% Solids:	82.4	•	

CAS No.	Analyte	Concentration	С	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron			······································	NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver			······································	NR
7440-23-5	Sodium	· · · · · · · · · · · · · · · · · · ·			NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium		$\dashv$		NR
7440-66-6	Zinc		$\dashv$		NR
	Cyanide	61	U	*	AS

Color Before:	BROWN	Clarity Before:	Texture: COARSE
Color After:	COLORLESS	Clarity After:	Artifacts:
Comments: FORM 1.04	- PAGE 2		
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#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RN11B0810

COMPUCHEM SAMPLE NUMBER: 469536

DRY WEIGHT FACTOR:

PERCENT SOLID: 72.5

DETECTION +

CONCENTRATION

(mg/kg)

1.38

LIMIT (mq/kq)

1. CYANIDE

0.99

0.69

#### BDL= BELOW DETECTION LIMIT



#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RN12B1416

COMPUCHEM SAMPLE NUMBER: 422395

DRY WEIGHT FACTOR:

PERCENT SOLID:

DETECTION + LIMIT

CONCENTRATION

1.18

84.7

(mg/kg) (mg/kg)

1. CYANIDE BDL 0.59

#### BDL= BELOW DETECTION LIMIT



#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RN13B1416

COMPUCHEM SAMPLE NUMBER: 421522

DRY WEIGHT FACTOR: 1.49

PERCENT SOLID: 67.1

DETECTION +

CONCENTRATION

LIMIT

(mg/kg)

(mg/kg)

1. CYANIDE

BDL

0.74

#### BDL= BELOW DETECTION LIMIT



#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RN14B1214

COMPUCHEM SAMPLE NUMBER: 422272

DRY WEIGHT FACTOR: 1.16

PERCENT SOLID:

86.2

DETECTION +

CONCENTRATION

LIMIT

(mg/kg)

(mg/kg)

1. CYANIDE

BDL

0.58

#### BDL= BELOW DETECTION LIMIT



#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNRB60002

COMPUCHEN SAMPLE NUMBER: 421493

DRY WEIGHT FACTOR:

PERCENT SOLID:

CONCENTRATION

1.16

86.2

DETECTION + LIMIT

(mg/kg)

(mg/kg)

1. CYANIDE

BDL

0.58

#### BDL= BELOW DETECTION LIMIT



### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNRB60204

COMPUCHEN SAMPLE NUMBER: 421479

DRY WEIGHT FACTOR: 1.16

PERCENT SOLID: 86.2

DETECTION +

CONCENTRATION

LINIT

(mg/kg)

(mg/kg)

1. CYANIDE

BDL

0.58

#### BDL= BELOW DETECTION LIMIT



#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNRB70002

COMPUCHEM SAMPLE NUMBER: 421486

1.15

DRY WEIGHT FACTOR:
PERCENT SOLID:

87.0

DETECTION +

CONCENTRATION

LIMIT

(mg/kg)

(mg/kg)

1. CYANIDE

BDL

0.57

#### BDL= BELOW DETECTION LIMIT



#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNRB70204

COMPUCHEM SAMPLE NUMBER: 421506

DRY WEIGHT FACTOR: 1.18

PERCENT SOLID: 84.7

DETECTION +

CONCENTRATION

LIMIT

(mg/kg)

(mg/kg)

(-7/1-

7/ \*\*7/

1. CYANIDE

BDL

0.59

#### BDL= BELOW DETECTION LIMIT



### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNG090810

COMPUCHEM SAMPLE NUMBER: 470177

DRY WEIGHT FACTOR:

1.22

PERCENT SOLID:

82.0

DETECTION +

CONCENTRATION

LIMIT

(mg/kg)

(mg/kg)

1. CYANIDE

BDL

0.61

#### BDL= BELOW DETECTION LIMIT



## COMPUCHEM LABORATORIES, INC. P.O. Box 12652 3308 Chapel Hill/Nelson Highway Research Triangle Park, NC 27709 (919) 549-8263 COMPOUND LIST

#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNG101012

COMPUCHEN SAMPLE NUMBER: 469616

DRY WEIGHT FACTOR:

PERCENT SOLID: 83.3

DETECTION +

CONCENTRATION

LIMIT

(mg/kg)

(mg/kg)

1. CYANIDE

BDL

0.6

#### BDL= BELOW DETECTION LIMIT



# COMPUCHEM LABORATORIES, INC. P.O. Box 12652 3308 Chapel Hill/Nelson Highway Research Triangle Park, NC 27709 (919) 549-8263 COMPOUND LIST

### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNG111012

COMPUCHEM SAMPLE NUMBER: 470182

DRY WEIGHT FACTOR:

1.18

PERCENT SOLID: 84.7

DETECTION +

CONCENTRATION

LIMIT

(mg/kg)

(mg/kg)

1. CYANIDE

BDL

0.59

### BDL= BELOW DETECTION LIMIT

	1		
INORGANIC	ANALYSIS	DATA	SHEET

CLI	ENT	SAMPLE	NO.

						NS-24
Lab	Name:	COMPUCHEM ENV.	CORP.	Contract:	3/90	

Lab Code: <u>COMPU</u> Case No.: <u>50007</u> SAS No.: \_\_\_\_\_ SDG No.: <u>278937</u>

Matrix (soil/water): SOIL Lab Sample ID: 582476

Level (low/med): LOW Date Received: 10/08/93

% Solids: <u>79.8</u>

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum				NF
7440-36-0	Antimony				NF
7440-38-2	Arsenic				NF
7440-39-3	Barium				NF
7440-41-7	Beryllium				NE
7440-43-9	Cadmium				NF
7440-70-2	Calcium				NF
7440-47-3	Chromium				NF
7440-48-4	Cobalt	-			NF
7440-50-8	Copper				NF
7439-89-6	Iron				NF
7439-92-1	Lead				NF
7439-95-4	Magnesium				NF
7439-96-5	Manganese				NF
7439-97-6	Mercury				NF
7440-02-0	Nickel				NF
7440-09-7	Potassium				NF
7782-49-2	Selenium				NF
7440-22-4	Silver				NF
7440-23-5	Sodium				NF
7440-28-0	Thallium				NF
7440-62-2	Vanadium				NF
7440-66-6	Zinc				NF
	Cyanide	.63	U		AS

Color Before:	BROWN	Clarity	Before:	All and the state of the state	Texture:	MEDIUM
Color After:	COLORLESS	Clarity	After:		Artifacts:	***************************************
Comments: FORM 1.05	- PAGE 1					

#### SECTION 12

#### PHENOLS ANALYSIS - SOIL

- RN1AB1820 Soil sample from Soil Boring NS-1A at 18-20 feet.
- RN2AB1820 Soil sample from Soil Boring NS-2A at 18-20 feet.
- RN05B0204 Soil sample from Soil Boring NS-5 at 2-4 feet.
- RN06B0406 Soil sample from Soil Boring NS-6 at 4-6 feet.
- RN08B1214 Soil sample from Soil Boring NS-8 at 12-14 feet.
- RN09B1214 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-9 at 12-14 feet.
- RN09B1416 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-9 at 14-16 feet.
- RN10B1012 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-10 at 10-12 feet.
- RNS-DPA1 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-10 at 10-12 feet (Duplicate).
- RN11B0810 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-11 at 8-10 feet.
- RN12B1416 Soil sample from Soil Boring NS-12 at 14-16 feet.
- RN13B1416 Soil sample from Soil Boring NS-13 at 14-16 feet.
- RN14B1214 Soil sample from Soil Boring NS-14 at 12-14 feet.
- RNRB60002 Soil sample from Soil Boring RB-6 at 0-2 feet.
- RNRB60204 Soil sample from Soil Boring RB-6 at 2-4 feet.
- RNRB70002 Soil sample from Soil Boring RB-7 at 0-2 feet.
- RNRB70204 Soil sample from Soil Boring RB-7 at 2-4 feet.
- RNG090810 Soil sample from Soil Boring GE-9 at 8-10 feet.
- RNG101012 Soil sample from Soil Boring GE-10 at 10-12 feet.
- RNG111012 Soil sample from Soil Boring GE-11 at 10-12 feet.
- NS-24 Surficial soil sample from location NS-24.



#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RN1AB1820

COMPUCHEN SAMPLE NUMBER: 422391

DRY WEIGHT FACTOR: 1.15

PERCENT SOLID: 87.0

DETECTION +

CONCENTRATION

(mg/kg)

LIMIT (mg/kg)

1. PHENOLS, TOTAL

BDL

0.12

#### BDL= BELOW DETECTION LIMIT



#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RN2AB1820

COMPUCHEM SAMPLE NUMBER: 463042

DRY WEIGHT FACTOR:

PERCENT SOLID: 64.5

DETECTION +

CONCENTRATION

1.55

LINIT

(mg/kg)

(mg/kg)

1. PHENOLS, TOTAL

0.31

0.16

#### BDL= BELOW DETECTION LIMIT



### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RN05B0204

COMPUCHEN SAMPLE NUMBER: 422398

DRY WEIGHT FACTOR:

1.09

PERCENT SOLID:

DETECTION +

CONCENTRATION

LIMIT

(mg/kg)

(mg/kg)

1. PHENOLS, TOTAL

0.19

0.11

#### BDL= BELOW DETECTION LIMIT



#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNO6B0406

COMPUCHEN SAMPLE NUMBER: 463051

DRY WEIGHT FACTOR: 1.15

PERCENT SOLID: 87.0

DETECTION +

CONCENTRATION

LIMIT

(mg/kg)

(mg/kg)

1. PHENOLS, TOTAL

0.35

0.12

#### BDL= BELOW DETECTION LIMIT



#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNO8B1214

COMPUCHEN SAMPLE NUMBER: 421514

DRY WEIGHT FACTOR: 1.35

> PERCENT SOLID: 74.1

> > DETECTION +

CONCENTRATION

LIMIT (mg/kg)

(mg/kg)

1. PHENOLS, TOTAL

0.42

0.14

#### BDL= BELOW DETECTION LIMIT



#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RN09B1214

COMPUCHEM SAMPLE NUMBER: 422519

DRY WEIGHT FACTOR:

1.28

PERCENT SOLID: 78.1

DETECTION +

CONCENTRATION

LIHIT

(mg/kg)

(mg/kg)

1. PHENOLS, TOTAL

BDL

0.13

#### BDL= BELOW DETECTION LIMIT



#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNO9B1416DUP

COMPUCHEN SAMPLE NUMBER: 458319

DRY WEIGHT FACTOR:

PERCENT SOLID:

1.17

85.5

DETECTION +

CONCENTRATION

LINIT

(mg/kg)

(mg/kg)

1. PHENOLS, TOTAL

0.34

0.12

#### BDL= BELOW DETECTION LIMIT



#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNO9B1416

COMPUCHEN SAMPLE NUMBER: 458317

DRY WEIGHT FACTOR:

1.17

PERCENT SOLID: 85.5

DETECTION +

CONCENTRATION

LINIT

(mg/kg)

(mg/kg)

1. PHENOLS, TOTAL

0.3

0.12

#### BDL= BELOW DETECTION LIMIT



### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RN10B1012

COMPUCHEN SAMPLE NUMBER: 464069

DRY WEIGHT FACTOR: 1.17

> PERCENT SOLID: 85.5

> > DETECTION +

CONCENTRATION

LIMIT

(mg/kg)

(mg/kg)

1. PHENOLS, TOTAL

1.0

0.12

#### BDL= BELOW DETECTION LIMIT



#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNS-DPA1

COMPUCHEM SAMPLE NUMBER: 464036

DRY WEIGHT FACTOR:

PERCENT SOLID: 82.6

DETECTION +

CONCENTRATION

1.21

LINIT

(mg/kg)

(mg/kg)

1. PHENOLS, TOTAL

0.29

0.12

#### BDL= BELOW DETECTION LIMIT



### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RN11B0810

CONPUCHEN SAMPLE NUMBER: 469537

DRY WEIGHT FACTOR: 1.38

PERCENT SOLID: 72.5

DETECTION + LIMIT

CONCENTRATION

(mg/kg) (mg/kg)

1. PHENOLS, TOTAL

1.2

0.14

### BDL= BELOW DETECTION LIMIT



### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RN12B1416

COMPUCHEN SAMPLE NUMBER: 422396

DRY WEIGHT FACTOR: 1.18

PERCENT SOLID: 84.7

DETECTION +

CONCENTRATION

LIMIT

(mg/kg)

(mg/kg)

1. PHENOLS, TOTAL

1.3

0.12

### BDL= BELOW DETECTION LIMIT



### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RN13B1416

COMPUCHEN SAMPLE NUMBER: 421524

DRY WEIGHT FACTOR: 1.49

PERCENT SOLID: 67.1

DETECTION +

CONCENTRATION

LIMIT

(mg/kg)

(mg/kg)

1. PHENOLS, TOTAL

2

0.15

### BDL= BELOW DETECTION LIMIT



### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RN14B1214

COMPUCHEN SAMPLE NUMBER: 422274

DRY WEIGHT FACTOR: 1.16

PERCENT SOLID: 86.2

DETECTION +

CONCENTRATION

LIMIT

(mg/kg)

(mg/kg)

1. PHENOLS, TOTAL

0.13

0.12

### BDL= BELOW DETECTION LIMIT



#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNRB60002

COMPUCHEM SAMPLE NUMBER: 421494

DRY WEIGHT FACTOR:

PERCENT SOLID:

1.16 86.2

DETECTION +

CONCENTRATION

LINIT

(mg/kg)

(mg/kg)

1. PHENOLS, TOTAL

0.67

0.12

### BDL= BELOW DETECTION LIMIT



### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNRB602204

COMPUCHEM SAMPLE NUMBER: 421480

DRY WEIGHT FACTOR: 1.16

PERCENT SOLID: 86.2

DETECTION + LIMIT

CONCENTRATION

(mg/kg) (mg/kg)

1. PHENOLS, TOTAL 0.2 0.12

#### BDL= BELOW DETECTION LINIT



### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNRB70002

COMPUCHEN SAMPLE NUMBER: 421487

DRY WEIGHT FACTOR: 1.15

PERCENT SOLID: 87.0

DETECTION +

CONCENTRATION LIMIT

(mg/kg) (mg/kg)

1. PHENOLS, TOTAL 0.43 0.12

### BDL= BELOW DETECTION LIMIT



### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNRB70204

COMPUCHEM SAMPLE NUMBER: 421507

DRY WEIGHT FACTOR:

1.18

PERCENT SOLID: 84.7

DETECTION +

CONCENTRATION

LIMIT

(mg/kg)

(mg/kg)

1. PHENOLS, TOTAL

0.32

0.12

BDL= BELOW DETECTION LIMIT



### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNG090810

COMPUCHEM SAMPLE NUMBER: 470173

DRY WEIGHT FACTOR: 1.22

PERCENT SOLID:

DETECTION +

CONCENTRATION

82.0

LIHIT

(mg/kg)

(mg/kg)

1. PHENOLS, TOTAL

BDL

0.12

### BDL= BELOW DETECTION LIMIT



#### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNG101012

COMPUCHEN SAMPLE NUMBER: 469614

DRY WEIGHT FACTOR: 1.20

PERCENT SOLID: 83.3

DETECTION +

CONCENTRATION LIMIT

(mg/kg) (mg/kg)

1. PHENOLS, TOTAL

BDL

0.12

#### BDL= BELOW DETECTION LIMIT



### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNG111012

COMPUCHEM SAMPLE NUMBER: 470181

DRY WEIGHT FACTOR:

PERCENT SOLID:

DETECTION +

CONCENTRATION

1.18

84.7

(mg/kg)

LIMIT (mg/kg)

1. PHENOLS, TOTAL

BDL

0.12

### BDL= BELOW DETECTION LIMIT



### RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: RNG111012DUP

COMPUCHEM SAMPLE NUMBER: 470175

DRY WEIGHT FACTOR: 1.18

PERCENT SOLID: 84.7

DETECTION +

CONCENTRATION LIMIT

(mg/kg) (mg/kg)

1. PHENOLS, TOTAL

BDL

0.12

### BDL= BELOW DETECTION LIMIT

### COMPOUND LIST

CLIENT SAMPLE ID: NS-24 LAB SAMPLE ID: 582480

CONCENTRATION DETECTION LIMIT

(mg/Kg) (mg/Kg)

1. PHENOLS, TOTAL

0.38

0.10

#### SECTION 13

### SULFIDE ANALYSIS - SOIL

- RN05B0204 Soil sample from Soil Boring NS-5 at 2-4 feet.
- RN12B1416 Soil sample from Soil Boring NS-12 at 14-16 feet.
- RN1AB1820 Soil sample from Soil Boring NS-1A at 18-20 feet.
- RN2AB1820 Soil sample from Soil Boring NS-2A at 18-20 feet.
- RN06B0406 Soil sample from Soil Boring NS-6 at 4-6 feet.
- RNRB60204 Soil sample from Soil Boring RB-6 at 2-4 feet.
- RNRB70002 Soil sample from Soil Boring RB-7 at 0-2 feet.
- RNRB60002 Soil sample from Soil Boring RB-6 at 0-2 feet.
- RNRB70204 Soil sample from Soil Boring RB-7 at 2-4 feet.
- RN08B1214 Soil sample from Soil Boring NS-8 at 12-14 feet.
- RN13B1416 Soil sample from Soil Boring NS-13 at 14-16 feet.
- RN09B1214 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-9 at 12-14 feet.
- RNG101012 Soil sample from Soil Boring GE-10 at 10-12 feet.
- RN09B1416 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-9 at 14-16 feet.
- RN10B1012 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-10 at 10-12 feet.
- RNS-DPA1 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-10 at 10-12 feet (Duplicate).
- RN11B0810 Soil sample from Soil Boring converted to Groundwater Monitoring Well NS-11 at 8-10 feet.
- RN14B1214 Soil sample from Soil Boring NS-14 at 12-14 feet.
- RNG090810 Soil sample from Soil Boring GE-9 at 8-10 feet.
- RNG111012 Soil sample from Soil Boring GE-11 at 10-12 feet.
- NS-24 Surficial soil sample from location NS-24.

Date(s) Analyzed: 05/30/91

Case: 8154 Matrix: Soil

Client ID	CHEMWEST ID	% Solids	Amount Detected (MG/KG)	RL (MG/KG)	
422392/RN05B0204	8154-1	92	13.0	10.9	
422393/RN12B1416	8154-2	85	BRL	11.8	
422394/RN1AB1820	8154-3	87	BRL	11.5	

Client ID	CHEMWEST ID	Spike Conc. (MG/KG)	Amount Detected (MG/KG)	`% Rec.	
Method Blank LQCS LQCSD	MB LQCS LQCSD	40.0 40.0	BRL 42.0000 41.2000	105.0 103.0	-

Relative % Difference = 1.9

BRL: Below Reporting Limit.

RL: Reporting Limit.

The reporting limit for the Method Blank is 10.0 MG/KG.

Date Reported: 09/16/92

Approved by: Fix

Date(s) Analyzed: 11/23/91

Case: 8971

Matrix: Soil

Client ID	CHEMWEST ID	% Solids	Amount Detected (MG/KG)	RL (MG/KG)
463044/RN2AB1820 463054/RN06B0406	8971-1 8971-3	64 87	BRL BRL	15.6 11.5
Client ID	CHEMWEST ID	Spike Conc. (MG/KG)	Amount Detected (MG/KG)	% Rec.
Method Blank LQCS LQCSD	MB LQCS LQCSD	50.0 50.0	BRL 51.4656 50.6660	102.9 101.3

Relative % Difference = 1.6

BRL: Below Reporting Limit.

RL: Reporting Limit.

The reporting limit for the Method Blank is 10.0 MG/KG.

Approved by: fix

Date Reported: 09/16/92

Date(s) Analyzed: 05/23/91

Case: 8136

Matrix: Soil

Client ID	CHEMWEST ID	% Solids	Amount Detected (MG/KG)	RL (MG/KG)	
421455/RNRB60204 421458/RNRB70002 421465/RNRB60002 421467/RNRB70204 421469/RN08B1214 421471/RN13B1416	8136-2 8136-3 8136-4 8136-5	86 87 86 85 74 67	BRL BRL 23.2 BRL BRL BRL	11.6 11.5 11.6 11.8 13.5 14.9	

Method Blank         MB         BRL           LQCS         LQCS         40.0         40.8160         102.0           LQCSD         LQCSD         40.0         36.8160         92.0	Client ID	CHEMWEST ID	Spike Conc. (MG/KG)	Amount Detected (MG/KG)	% Rec.
	LQCS	LQCS		40.8160	

Relative % Difference = 10.3

BRL: Below Reporting Limit.

RL: Reporting Limit.

The reporting limit for the Method Blank is 10.0 MG/KG.

Date Reported: 09/16/92

Approved by: TIV

Date(s) Analyzed: 05/31/91

Case: 8159 Matrix: Soil

Client ID	CHEMWEST ID	% Solids	Amount Detected (MG/KG)	RL (MG/KG)
422511/RN09B1214	8159-1	78	BRL	12.8
Client ID	CHEMWEST ID	Spike Conc. (MG/KG)	Amount Detected (MG/KG)	% Rec.
Method Blank LQCS LQCSD	MB LQCS LQCSD	40.0 40.0	BRL 36.0000 44.0000	90.0 110.0

Relative % Difference = 20.0

BRL: Below Reporting Limit.

RL: Reporting Limit.

The reporting limit for the Method Blank is 10.0 MG/KG.

Date Reported: 09/16/92

REV5:12.91

Approved by:

Date(s) Analyzed: 11/23/91

Case: 8872 Matrix: Soil

Client ID	CHEMWEST ID	% Solids	Amount Detected (MG/KG)	RL (MG/KG)	
458306/RN09B1416	8872-1	85	15.4	11.8	
Client ID	CHEMWEST ID	Spike Conc. (MG/KG)	Amount Detected (MG/KG)	% Rec.	
Method Blank LQCS LQCSD	MB LQCS LQCSD	50.0 50.0	BRL 51.4656 50.6660	102.9	
Relative % Difference = 1.6					

BRL: Below Reporting Limit.

RL: Reporting Limit.

The reporting limit for the Method Blank is 10.0 MG/KG.

Approved by: Fix

Date Reported: 09/16/92

Date(s) Analyzed: 11/23/91

Case: 8991

Matrix: Soil

CHEMWEST ID	% Solids	Detected (MG/KG)	RL (MG/KG)	
8991-1 8991-2	85 82	38.9 BRL	11.8 12.2	
CHEMWEST ID	Spike Conc. (MG/KG)	Amount Detected (MG/KG)	% Rec.	
MB LQCS LQCSD	50.0 50.0	BRL 51.4656 50.6660	102.9 101.3	
	ID 2 8991-1 8991-2 CHEMWEST ID MB LQCS	ID % Solids 2 8991-1 85 8991-2 82  Spike CHEMWEST Conc. ID (MG/KG)  MB LQCS 50.0	ID % Solids (MG/KG)  2 8991-1 85 38.9 8991-2 82 BRL  Spike Amount CHEMWEST Conc. Detected ID (MG/KG) (MG/KG)  MB BRL LQCS 50.0 51.4656	ID % Solids (MG/KG) (MG/KG)  2 8991-1 85 38.9 11.8 8991-2 82 BRL 12.2  Spike Amount CHEMWEST Conc. Detected % ID (MG/KG) (MG/KG) Rec.  MB BRL LQCS 50.0 51.4656 102.9

Relative % Difference = 1.6

BRL: Below Reporting Limit.

RL: Reporting Limit.

The reporting limit for the Method Blank is 10.0 MG/KG.

Date Reported: 09/16/92

Approved by: Fix

Date(s) Analyzed: 12/18/91

Case: 9090

Matrix: Soil

Client ID	CHEMWEST ID	% Solids	Amount Detected (MG/KG)	RL (MG/KG)	
469532/RN11B0810	9090-2	73	BRL	13.7	
Client ID	CHEMWEST ID	Spike Conc. (MG/KG)	Amount Detected (MG/KG)	% Rec.	
Method Blank LQCS LQCSD	MB LQCS LQCSD	50.0 50.0	BRL 53.2800 52.0800	106.6 104.2	
Relative % Difference = 2.3					

BRL: Below Reporting Limit.

RL: Reporting Limit.

The reporting limit for the Method Blank is 10.0 MG/KG.

Date Reported: 09/16/92

Approved by:

Date(s) Analyzed: 05/30/91

Case: 8156 Matrix: Soil

Client ID	CHEMWEST ID	% Solids	Amount Detected (MG/KG)	RL (MG/KG)
422265/RN14B1214	8156-1	86	BRL	11.6
Client ID	CHEMWEST ID	Spike Conc. (MG/KG)	Amount Detected (MG/KG)	% Rec.
Method Blank LQCS LQCSD	MB LQCS LQCSD	40.0 40.0	BRL 42.0000 41.2000	105.0 103.0
Polativo & Disse				

Relative % Difference = 1.9

BRL: Below Reporting Limit.

RL: Reporting Limit.

The reporting limit for the Method Blank is 10.0 MG/KG.

Date Reported: 09/16/92

Approved by: FIX

Date(s) Analyzed: 12/18/91

Case: 9097

Matrix: Soil

Client ID	CHEMWEST ID	% Solids	Amount Detected (MG/KG)	RL (MG/KG)
470146/RNG090810 470159/RNG111012	9097 <b>-</b> 1 9097 <b>-</b> 2	82 85	BRL BRL	12.2 11.8
Client ID	CHEMWEST ID	Spike Conc. (MG/KG)	Amount Detected (MG/KG)	% Rec.
Method Blank LQCS LQCSD	MB LQCS LQCSD	50.0 50.0	BRL 53.2800 52.0800	106.6 104.2
Dolatina & Dife				

Relative % Difference = 2.3

BRL: Below Reporting Limit.

RL: Reporting Limit.

The reporting limit for the Method Blank is 10.0 MG/KG.

Date Reported: 09/16/92

Approved by: fix

Date(s) Analyzed: 12/18/91

Case: 9091 Matrix: Soil

Client ID	CHEMWEST ID	% Solids	Amount Detected (MG/KG)	RL (MG/KG)
469673/RNG101012 469693/RNG121012	9091-1 9091-2	84 75	BRL BRL	11.9 13.3
Client ID	CHEMWEST ID	Spike Conc. (MG/KG)	Amount Detected (MG/KG)	% Rec.
Method Blank LQCS LQCSD	MB LQCS LQCSD	50.0 50.0	BRL 53.2800 52.0800	106.6

Relative % Difference = 2.3

Client ID	CHEMWEST ID	Spike Conc. (MG/KG)	Amount Detected (MG/KG)	% Rec.
Matrix Spike	9091-2MS	50.0	45.6800	91.4
Matrix Spike DU	P 9091-2MSD	50.0	46.8800	93.8

Relative % Difference = 2.6

BRL: Below Reporting Limit.

RL: Reporting Limit.

The reporting limit for the Method Blank is 10.0 MG/KG.

Date Reported: 09/16/92

Approved by: Tit

2 :ived: 11/17/93 Hebb Technical

REPORT

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Results by Sample

MPLE ID 587669

SAMPLE # 01 FRACTIONS: A

Date & Time Collected not specified

Category

FID S 2.71\*

NS-24

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### SECTION 14

### VOLATILE ORGANICS ANALYSIS - GROUNDWATER

F	RN01G	-	Groundwater	sample	from	Monitoring	Well	NS-1.
F	RN09G	-	Groundwater	sample	from	Monitoring	Well	NS-9.
F	RNDPG	-	Groundwater	sample	from	Monitoring	Well	NS-9 (Duplicate).
F	N10G	-	Groundwater	sample	from	Monitoring	Well	NS-10.
F	IN11G	-	Groundwater	sample	from	Monitoring	Well	NS-11.

RNOIG Lab Name: COMPUCHEM.RTP Contract: 500077 Case No.: 24964 SAS No.: \_\_\_\_ SDG No.: 6\_\_\_\_ Lab Code: COMPU Matrix: (soil/water) WATER Lab Sample ID: 477957 Sample wt/vol: 0.25 (g/mL) ML Lab File ID: CN077957B55 Level: (low/med) LOW Date Received: 02/01/92 % Moisture: not dec. Date Analyzed: 02/03/92 Column: (pack/cap) CAP Dilution Factor: 1.0

CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 74-87-3-----Chloromethane 200 U 74-83-9-----Bromomethane 100 U 75-01-4-----Vinyl Chloride\_\_ 2400 75-00-3-----Chloroethane\_ 200 U 75-09-2----Methylene Chloride 860 В 67-64-1----Acetone 200 U 75-15-0-----Carbon Disulfide 100 U 75-35-4----1, 1-Dichloroethene 100 U 75-34-3-----1,1-Dichloroethane\_ U 100 540-59-0----1,2-Dichloroethene (total) 210 67-66-3-----Chloroform U 100 107-06-2----1,2-Dichloroethane 100 TT 78-93-3----2-Butanone U 200 71-55-6----1,1,1-Trichloroethane\_ 24 J 56-23-5-----Carbon Tetrachloride 100 U 108-05-4-----Vinyl Acetate 200 U 75-27-4-----Bromodichloromethane U 100 78-87-5----1,2-Dichloropropane\_ U 100 10061-01-5----cis-1,3-Dichloropropene\_ 100 U 79-01-6----Trichloroethene 100 U 124-48-1----Dibromochloromethane\_ 100 U 79-00-5----1,1,2-Trichloroethane U 100 71-43-2----Benzene J 41 10061-02-6----Trans-1,3-Dichloropropene U 100 75-25-2----Bromoform U 200 108-10-1----4-Methyl-2-Pentanone\_\_\_ 300 U 591-78-6----2-Hexanone U 300 127-18-4-----Tetrachloroethene U 100 79-34-5----1,1,2,2-Tetrachloroethane 200 U 108-88-3-----Toluene\_ U 100 108-90-7-----Chlorobenzene 350 100-41-4----Ethylbenzene 100 U 100-42-5-----Styrene U 100 1330-20-7----Total Xylenes 100 U 74-88-4-----Iodomethane\_\_\_\_ 200 U 107-02-8-----Acrolein 1800 U

107-13-1	2400 100 300 200 100 100 300 300 200	מממממממ
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### 1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: COMPUCHEM, RTP	Contract: 500077 RN01G
Lab Code: COMPU Case No.: 24964	SAS No.: SDG No.: 7
Matrix: (soil/water) WATER	Lab Sample ID: 477961
Sample wt/vol: 5.0 (g/mL) ML	Lab File ID: <u>DI077961C11</u>
Level: (low/med) LOW	Date Received: 02/01/92
% Moisture: not dec	Date Analyzed: 02/05/92
Column: (pack/cap) CAP	Dilution Factor: 1.0
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Q
75-05-8	20 U   10 U   20 U   10 U

### VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: COMPUCHEM, RTP Contract: 50007	7. RN	Olgd
Lab Code: COMPU Case No.: 24964 SAS No.:	SDG No.:	7
Matrix: (soil/water) WATER Lab Sa	mple ID: 477	963
Sample wt/vol: 5.0 (g/mL) ML Lab Fi	le ID: DIO	77963C11
Level: (low/med) LOW Date R	deceived: 02/	01/92
% Moisture: not dec Date A	nalyzed: 02/	05/92
Column: (pack/cap) CAP Diluti	on Factor: 1.	0
CAS NO. COMPOUND CONCENTRATIO		Q
75-05-8	20 20 10 20 10 20 5 20 20	ם מ מ מ מ מ מ

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### VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RN09G Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Sample ID: 472772 Matrix: (soil/water) WATER

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: <u>CN072772A03</u>

Level: (low/med) LOW Date Received: 12/20/91

Date Analyzed: 01/02/92 % Moisture: not dec. \_\_\_\_

Column: (pack/cap) <u>CAP</u> Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) <u>UG/L</u> Q

		¥	
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	บ
75-00-2	Methylene Chloride		BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-25-4	1,1-Dichloroethene	5	U
75-33-4	1,1-Dichloroethane	5	Ū
73-34-3 540-50-0	1,2-Dichloroethene (total)		J
	Chloroform	5	ט
	1,2-Dichloroethane		U
	2-Butanone	10	U
78-93-3	2-Butanone	5	ט
/1-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride		1 -
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	4	J
124-48-1	Dibromochloromethane	5	U
	1,1,2-Trichloroethane	5	U
71-43-2		1	J
	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	Bromoform_ 4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
	1,1,2,2-Tetrachloroethane_	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	13	
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	1 5	U
1330-20-7	Total Xylenes	5	U
74-88-4	Iodomethane	10	Ū
107-02-8	Acrolein	90	บ
	707M 7 1703	1/07 0	

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107-13-1Acrylonitrile	120	U
75-69-4Trichlorofluoromethane	5	U
107-05-13-Chloropropene	15	U
74-95-3Dibromomethane	10	U
106-93-41,2-Dibromoethane	5	U
630-20-61,1,1,2-Tetrachloroethane	5	U
96-18-41,2,3-Trichloropropane	15	U
764-71-0trans-1,4-Dichloro-2-butene	15	U
97-63-2Ethylmethacrylate	10	U
96-12-81,2-Dibromo-3-chloropropane	10	U

### 1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

<i>.</i>	Lab Na	ame: g	COMPUCHEM,	RTP	Contract	: <u>5000</u>	77	RN	09G	
	Lab C	ode: g	COMPU	Case No.: 241	05 SAS No.	:	SDG	No.:	523	
	Matri	x: (s	oil/water)	WATER		Lab S	ample ID:	472	773	
	Sample	e wt/	vol:		) ML_	Lab F	ile ID:	DRO	72773C	11
	Level	:	(low/med)	LOW		Date 1	Received:	12/	20/91	
	% Mois	sture	: not dec.			Date 2	Analyzed:	01/	02/92	
	Colum	n: ()	pack/cap)	CAP		Dilut	ion Factor	:: <u>1.</u>	0	
		CAS	NO.	COMPOUND			ON UNITS: /Kg) <u>UG/L</u>	-	Q	
		107- 107- 107- 107- 107- 126- 78-8 123-	-02-8 -13-1 -12-0 -18-6 -19-7 -98-7 83-1	AcetonitriAcroleinAcrylonitriEthyl Cyan:Allyl Alcol2-Propyn-1MethacrylorIsobutyl AlcolIsobutyl AlcolIsobutyl AlcolIsobutyl Alcol	ile ide hol -OL nitrile			20 20 10 20 10 20 5 20 20	מממממממממ	

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RNDPG Lab Name: COMPUCHEM, RTP Contract: 500077 Lab Code: <u>COMPU</u> Case No.: <u>24105</u> SAS No.: \_\_\_\_\_ SDG No.: <u>532</u> Matrix: (soil/water) WATER Lab Sample ID: 472761 Sample wt/vol: Lab File ID: CN072761A03 Level: (low/med) LOW Date Received: 12/20/91 % Moisture: not dec. \_\_\_ Date Analyzed: 01/02/92

Column: (pack/cap) CAP Dilution Factor: 1.0

CONCENTRATION UNITS: CAS NO. COMPOUND

CAS NO.	COMPOUND (ug/L or	ug/Kg) <u>UG/L</u>	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	บ
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	Ū
75-09-2	Methylene Chloride	20	В
67-64-1	Acetone	10	σ.
75-15-0	Carbon Disulfide	5	lΰ
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	2	J
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	Ū
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	Ū
108-05-4	Vinyl Acetate	10	Ū
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	Ū
10061-01-5-	cis-1.3-Dichloropropene		U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane		Ū
79-00-5	1,1,2-Trichloroethane		Ū
71-43-2	Benzene	1	J
10061-02-6-	Trans-1,3-Dichloropropene	5	Ū
75-25-2	Bromoform	10	Ū
	4-Methyl-2-Pentanone	15	Ū
591-78-6	2-Hexanone	15	Ū
127-18-4	Tetrachloroethene	5	Ū
79-34-5	1,1,2,2-Tetrachloroethane_	10	Ū
108-88-3	Toluene	5	Ū
108-90-7	Chlorobenzene	11	
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	Ū
1330-20-7	Total Xylenes	5	Ū
74-88-4	Iodomethane	10	Ū
107-02-8	Acrolein	90	Ū
		-	

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107-13-1	120 5 15 10 5 5 15 15 10	מממממממממ	
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472761

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Lab Name: COMPUCHEM, RTP Con	ntract: 500077
Lab Code: COMPU Case No.: 24105 SA	
Matrix: (soil/water) WATER_	Lab Sample ID: 472762
Sample wt/vol: 5.0 (g/mL) ML	Lab File ID: <u>DI072762A11</u>
Level: (low/med) LOW	Date Received: <u>12/20/91</u>
% Moisture: not dec	Date Analyzed: 01/01/92
Column: (pack/cap) <u>CAP</u>	Dilution Factor: 1.0
	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Q
75-05-8	20 U 10 U 20 U 10 U 20 U 5 U 20 U 20 U 5 U 20 U 20 U

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### 1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: <u>COMPU</u> Case No.: <u>24105</u> SAS No.: \_\_\_\_\_ SDG No.: <u>489</u>

Matrix: (soil/water) WATER Lab Sample ID: 472751

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CR072751A03

Level: (low/med) LOW Date Received: 12/20/91

% Moisture: not dec. \_\_\_\_ Date Analyzed: <u>01/02/92</u>

Column: (pack/cap) CAP Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	0.10 1.0.	( - 5)		
74-83-9	74-97-3	Chloromethane	10	
75-01-4				1
75-00-3Chloroethane	75-01-4	Vinyl Chloride	10	1 -
75-09-2Methylene Chloride       9       BJ •         67-64-1Acetone       10       U         75-15-0Carbon Disulfide       5       U         75-34-31,1-Dichloroethene       5       U         540-59-01,2-Dichloroethane       5       U         67-66-3Chloroform       5       U         107-06-21,2-Dichloroethane       5       U         78-93-32-Butanone       10       U         71-55-61,1,1-Trichloroethane       5       U         108-05-4Vinyl Acetate       10       U         75-27-4Bromodichloromethane       5       U         78-87-51,2-Dichloropropane       5       U         1061-01-5cis-1,3-Dichloropropene       5       U         79-01-6Trichloroethane       5       U         79-00-51,1,2-Trichloroethane       5       U         71-43-2	75-01-4	Chlorothano	10	-
67-64-1	75-00-3	- Motherlane Chloride		1
75-15-0			• [	1
75-35-41,1-Dichloroethane       5       U         75-34-31,1-Dichloroethane       5       U         67-66-31,2-Dichloroethane       5       U         107-06-21,2-Dichloroethane       5       U         78-93-32-Butanone       10       U         71-55-61,1,1-Trichloroethane       5       U         56-23-5Carbon Tetrachloride       5       U         108-05-4Vinyl Acetate       10       U         75-27-4Bromodichloromethane       5       U         78-87-51,2-Dichloropropane       5       U         10061-01-5cis-1,3-Dichloropropane       5       U         10061-01-5is-1,3-Dichloropropane       5       U         124-48-1Dibromochloromethane       5       U         179-00-51,1,2-Trichloroethane       5       U         1061-02-6Trans-1,3-Dichloropropene       5       U         1061-02-6Trans-1,3-Dichloropropene       5       U         108-10-14-Methyl-2-Pentanone       15       U         107-18-4Tetrachloroethane       15       U         108-90-7Chlorobenzene       5       U         108-90-7Chlorobenzene       5       U	75 15 0	Combon Digulfido		1
75-34-3	75-15-0	1 1 Dichlerothere		i i
67-66-3				1 -
67-66-3	/5-34-3	1,1-Dichloroethane /total)		1 -
107-06-21, 2-Dichloroethane       5       U         78-93-32-Butanone       10       U         71-55-61, 1, 1-Trichloroethane       5       U         56-23-5Carbon Tetrachloride       5       U         108-05-4Vinyl Acetate       10       U         75-27-4Bromodichloromethane       5       U         78-87-51, 2-Dichloropropane       5       U         10061-01-5cis-1, 3-Dichloropropene       5       U         79-01-6Trichloroethane       5       U         124-48-1Dibromochloromethane       5       U         79-00-51, 1, 2-Trichloroethane       5       U         10061-02-6Trans-1, 3-Dichloropropene       5       U         75-25-2Bromoform       10       U         108-10-14-Methyl-2-Pentanone       15       U         1591-78-62-Hexanone       15       U         127-18-4Tetrachloroethane       5       U         108-88-3Toluene       5       U         109-34-5Chlorobenzene       5       U         100-41-4Ethylbenzene       5       U         100-42-5Styrene       5       U         1330-20-7Total Xylenes	540-59-0	1,2-Dichioroethene (total)	. 4	1
78-93-32-Butanone       10       U         71-55-61,1,1-Trichloroethane       5       U         56-23-5Carbon Tetrachloride       5       U         108-05-4Vinyl Acetate       10       U         75-27-4Bromodichloromethane       5       U         78-87-51,2-Dichloropropane       5       U         10061-01-5cis-1,3-Dichloropropene       5       U         79-01-6Trichloroethene       5       U         124-48-1Dibromochloromethane       5       U         79-00-51,1,2-Trichloroethane       5       U         71-43-2Benzene       2       J         10061-02-6Trans-1,3-Dichloropropene       5       U         75-25-2Bromoform       10       U         108-10-14-Methyl-2-Pentanone       15       U         591-78-6				1 -
71-55-61,1,1-Trichloroethane       5       U         56-23-5Carbon Tetrachloride       5       U         108-05-4Vinyl Acetate       10       U         75-27-4Bromodichloromethane       5       U         78-87-51,2-Dichloropropane       5       U         10061-01-5cis-1,3-Dichloropropene       5       U         79-01-6Trichloroethene       5       U         124-48-1Dibromochloromethane       5       U         79-00-51,1,2-Trichloroethane       5       U         71-43-2Benzene       2       J         10061-02-6Trans-1,3-Dichloropropene       5       U         75-25-2Bromoform       10       U         108-10-14-Methyl-2-Pentanone       15       U         591-78-62-Hexanone       15       U         127-18-4Tetrachloroethene       5       U         108-88-31,1,2,2-Tetrachloroethane       10       U         108-88-3Toluene       5       U         100-41-4Ethylbenzene       5       U         100-42-5Styrene       5       U         1330-20-7Total Xylenes       21       0         74-88-4			• 1	1 -
56-23-5Carbon Tetrachloride       5       U         108-05-4Vinyl Acetate       10       U         75-27-4Bromodichloromethane       5       U         78-87-51,2-Dichloropropane       5       U         10061-01-5cis-1,3-Dichloropropene       5       U         79-01-6Trichloroethene       5       U         79-00-51,1,2-Trichloroethane       5       U         71-43-2Benzene       2       J         10061-02-6Trans-1,3-Dichloropropene       5       U         75-25-2Bromoform       10       U         108-10-14-Methyl-2-Pentanone       15       U         591-78-62-Hexanone       15       U         127-18-4Tetrachloroethene       5       U         79-34-51,1,2,2-Tetrachloroethane       10       U         108-88-3Toluene       5       U         100-41-4Ethylbenzene       5       U         100-42-5	78-93-3	2-Butanone		1
108-05-4Vinyl Acetate       10       U         75-27-4Bromodichloromethane       5       U         78-87-51,2-Dichloropropane       5       U         10061-01-5cis-1,3-Dichloropropene       5       U         79-01-6Trichloroethene       5       U         124-48-1Dibromochloromethane       5       U         79-00-51,1,2-Trichloroethane       5       U         71-43-2Benzene       2       J         10061-02-6Trans-1,3-Dichloropropene       5       U         75-25-2Bromoform       10       U         108-10-14-Methyl-2-Pentanone       15       U         127-18-4Tetrachloroethene       5       U         79-34-51,1,2,2-Tetrachloroethane       10       U         108-88-3Toluene       5       U         108-90-7Chlorobenzene       5       U         100-42-5Styrene       5       U         1330-20-7Total Xylenes       21       0         74-88-4	71-55-6	1,1,1-Trichloroethane	. 5	1 -
75-27-4				1 -
78-87-51, 2-Dichloropropane       5       U         10061-01-5cis-1, 3-Dichloropropene       5       U         79-01-6Trichloroethene       5       U         124-48-1Dibromochloromethane       5       U         79-00-51, 1, 2-Trichloroethane       5       U         71-43-2Benzene       2       J         10061-02-6Trans-1, 3-Dichloropropene       5       U         75-25-2Bromoform       10       U         108-10-14-Methyl-2-Pentanone       15       U         591-78-62-Hexanone       15       U         127-18-4Tetrachloroethene       5       U         79-34-51,1,2,2-Tetrachloroethane       10       U         108-88-3Toluene       5       U         100-41-4Ethylbenzene       5       U         100-42-5Styrene       5       U         1330-20-7Total Xylenes       21       0         74-88-4	108-05-4	Vinyl Acetate	.  10	1 -
10061-01-5cis-1,3-Dichloropropene       5       U         79-01-6Trichloroethene       5       U         124-48-1Dibromochloromethane       5       U         79-00-51,1,2-Trichloroethane       5       U         71-43-2Benzene       2       J         10061-02-6Trans-1,3-Dichloropropene       5       U         75-25-2Bromoform       10       U         108-10-14-Methyl-2-Pentanone       15       U         591-78-62-Hexanone       15       U         127-18-4Tetrachloroethene       5       U         79-34-51,1,2,2-Tetrachloroethane       10       U         108-88-3Toluene       5       U         108-90-7Chlorobenzene       3       J         100-41-4Ethylbenzene       5       U         1330-20-7Total Xylenes       21       4         74-88-4	75-27-4	Bromodichloromethane	. 5	1 -
79-01-6	78-87-5	1,2-Dichloropropane	. 5	U
124-48-1	10061-01-5	cis-1,3-Dichloropropene		1 -
124-48-1	79-01-6	Trichloroethene		U
71-43-2	124-48-1	Dibromochloromethane	5	U
71-43-2	79-00-5	1,1,2-Trichloroethane	5	U
75-25-2Bromoform       10       U         108-10-14-Methyl-2-Pentanone       15       U         591-78-62-Hexanone       15       U         127-18-4Tetrachloroethene       5       U         79-34-51,1,2,2-Tetrachloroethane       10       U         108-88-3Toluene       5       U         108-90-7Chlorobenzene       3       J         100-41-4Ethylbenzene       5       U         1330-20-7Total Xylenes       21       *         74-88-4	71-43-2	Benzene	2	J.
75-25-2Bromoform       10       U         108-10-14-Methyl-2-Pentanone       15       U         591-78-62-Hexanone       15       U         127-18-4Tetrachloroethene       5       U         79-34-51,1,2,2-Tetrachloroethane       10       U         108-88-3Toluene       5       U         108-90-7Chlorobenzene       3       J         100-41-4Ethylbenzene       5       U         1330-20-7Total Xylenes       21       *         74-88-4Iodomethane       10       U	10061-02-6	Trans-1,3-Dichloropropene	5	U
108-10-14-Methyl-2-Pentanone       15       U         591-78-62-Hexanone       15       U         127-18-4Tetrachloroethene       5       U         79-34-51,1,2,2-Tetrachloroethane       10       U         108-88-3Toluene       5       U         108-90-7Chlorobenzene       3       J         100-41-4Ethylbenzene       5       U         100-42-5Styrene       5       U         1330-20-7Total Xylenes       21       *         74-88-4Iodomethane       10       U			10	U
591-78-62-Hexanone       15       U         127-18-4Tetrachloroethene       5       U         79-34-51,1,2,2-Tetrachloroethane       10       U         108-88-3Toluene       5       U         108-90-7Chlorobenzene       3       J         100-41-4Ethylbenzene       5       U         100-42-5Styrene       5       U         1330-20-7Total Xylenes       21       *         74-88-4Iodomethane       10       U			15	U
127-18-4Tetrachloroethene       5       U         79-34-51,1,2,2-Tetrachloroethane       10       U         108-88-3Toluene       5       U         108-90-7Chlorobenzene       3       J.         100-41-4Ethylbenzene       5       U         100-42-5Styrene       5       U         1330-20-7Total Xylenes       21       *         74-88-4Iodomethane       10       U			15	U
79-34-51,1,2,2-Tetrachloroethane       10       U         108-88-3Toluene       5       U         108-90-7Chlorobenzene       3       J.         100-41-4Ethylbenzene       5       U         100-42-5Styrene       5       U         1330-20-7Total Xylenes       21       *         74-88-4Iodomethane       10       U			• 1	U
108-88-3Toluene       5       U         108-90-7Chlorobenzene       3       J.         100-41-4Ethylbenzene       5       U         100-42-5Styrene       5       U         1330-20-7Total Xylenes       21       *         74-88-4Iodomethane       10       U	79-34-5	1 1 2 2-Tetrachloroethane	10	U
108-90-7Chlorobenzene       3       J.         100-41-4Ethylbenzene       5       U         100-42-5Styrene       5       U         1330-20-7Total Xylenes       21       *         74-88-4Iodomethane       10       U			•	U
100-41-4Ethylbenzene 5 U 100-42-5Styrene 5 U 1330-20-7Total Xylenes 21 1 74-88-4Iodomethane 10 U			• 1	1 -
100-42-5Styrene 5 U 1330-20-7Total Xylenes 21 ' 74-88-4Iodomethane 10 U			•	1
1330-20-7Total Xylenes 21 ' 74-88-4Iodomethane 10 U			• }	1
74-88-4Iodomethane 10 U	100-42-5	Stylene	. 1	<b> </b>
107-02-8Acrolein90 U	1330-20-/	Todorothano	10	177
10/-02-8Acrolein	/4-88-4	Iodowethane	100	1
	TO/-02-8	ACTOIEIN		U
FORM I VOA 1/87 Rev.		FORM I VOA	1/87 R	ev.

107-13-1Acrylonitrile
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# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: COMPUCHEM.RTP	Contract: 500077 RN10G
Lab Code: COMPU Case No.: 24105	SAS No.: SDG No.: 523
Matrix: (soil/water) WATER	Lab Sample ID: 472752
Sample wt/vol: 5.0 (g/mL) MI	Lab File ID: <u>DI072752A11</u>
Level: (low/med) Low	Date Received: <u>12/20/91</u>
% Moisture: not dec	Date Analyzed: 01/01/92
Column: (pack/cap) CAP	Dilution Factor: 1.0
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Q
75-05-8	20 U U U U U U U U U U U U U U U U U U U

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### 1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

 Lab Name: COMPUCHEM,RTP
 Contract: 500077
 RN11G

 Lab Code: COMPU
 Case No.: 24105
 SAS No.: SDG No.: 489

 Matrix: (soil/water) WATER
 Lab Sample ID: 472787

 Sample wt/vol: 5.0 (g/mL) ML
 Lab File ID: CN072787A03

 Level: (low/med) LOW
 Date Received: 12/20/91

 % Moisture: not dec. Date Analyzed: 01/02/92

 Column: (pack/cap) CAP
 Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND (ug	/L or	ug/Kg)	UG/L	Q 
74-87-3	Chloromethane			10	U
74-83-9	Bromomethane			5	U
	Vinyl Chloride			10	U
75-00-3	Chloroethane			10	U
75-09-2	Methylene Chloride		<del></del>	10	В
67-64-1	Acetone			10	U
75-15-0	Carbon Disulfide			5	U
	1,1-Dichloroethene_			5	U
	1,1-Dichloroethane		<del></del>	5	U
540-59-0	1,2-Dichloroethene (t	otal)		5	U
67-66-3	Chloroform	,		5	U
107-06-2	Chloroform 1,2-Dichloroethane		<del></del>	5	U
78-93-3	2-Butanone		<del></del>	10	U
71-55-6	2-Butanone 1,1,1-Trichloroethane			5	U
71 33 0 56-23-5	Carbon Tetrachloride_			5	Ū
108-05-4	Vinyl Acetate			10	U
75-27-4	Bromodichloromethane			5	Ū
	1,2-Dichloropropane_			5	Ū
	cis-1,3-Dichloroprope			5	U
	Trichloroethene		<del></del>	5	Ū
	Dibromochloromethane			5	Ū
	1,1,2-Trichloroethane			5	Ū
	Benzene		<del></del>	5	Ū
71-43-2	Trans-1,3-Dichloropro	nene		5	Ü
	Bromoform	berre_		10	Ū
	4-Methyl-2-Pentanone_			15	Ü
				15	U
391-/8-6	2-Hexanone Tetrachloroethene			5	Ü
12/-10-4 70-24-5-	Tetrachioroethene	hano		10	U
100 00 0	1,1,2,2-Tetrachloroet	name_		5	Ū
108-88-3	Toluene Chlorobenzene			5	Ü
100-41-4	Chioropenzene			5	Ü
100-41-4	Ethylbenzene			5 5	
100-42-5	Styrene Total Xylenes				U
1330-20-7	Total Xylenes			5	U
74-88-4	Iodomethane			10	U
107-02-8	Acrolein			90	U
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FORM I VOA

107-13-1	120 5 15 10 5 5	ם ם ם ם ם
96-18-41,2,3-Trichloropropane764-71-0trans-1,4-Dichloro-2-butene97-63-2Ethylmethacrylate96-12-81,2-Dibromo-3-chloropropane	15 15 10 10	U U U

#### 1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RN11G Lab Name: COMPUCHEM, RTP \_\_\_\_\_ Contract: 500077 Lab Code: <u>COMPU</u> Case No.: <u>24105</u> SAS No.: \_\_\_\_\_ SDG No.: <u>523</u> Matrix: (soil/water) WATER Lab Sample ID: 472788 Sample wt/vol: Lab File ID: DI072788C11 (low/med) <u>LOW</u> Level: Date Received: 12/20/91 % Moisture: not dec. \_\_\_\_ Date Analyzed: 01/02/92 Column: (pack/cap) CAP Dilution Factor: 1.0 CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 75-05-8-----Acetonitrile 20 U 107-02-8-----Acrolein 20 U 107-13-1-----Acrylonitrile 10 U 107-12-0----Ethyl Cyanide U 20 107-18-6-----Allyl Alcohol U 10 107-19-7----2-Propyn-1-OL U 20 126-98-7----Methacrylonitrile 5 U 78-83-1----Isobutyl Alcohol\_\_\_ 20 U 123-91-1----1,4-Dioxane U 20 80-62-6----Methyl Methacrylate\_ U 10

FORM I VOA

### SECTION 15

### SEMIVOLATILE ORGANICS ANALYSIS - GROUNDWATER

RN01G - Groundwater sample from Monitoring Well NS-1.

RN09G - Groundwater sample from Monitoring Well NS-9.

RNDPG - Groundwater sample from Monitoring Well NS-9 (Duplicate).

RN10G - Groundwater sample from Monitoring Well NS-10.

RN11G - Groundwater sample from Monitoring Well NS-11.

Lab Name: COMPUCHEM,	RTP	Contract: 5000	77	RNO	)1G
Lab Code:	Case No.: 24964	SAS No.:	SDG	No.:	008
<pre>Matrix: (soil/water)</pre>	WATER	Lab S	ample ID:	4779	964
Sample wt/vol:	1000 (g/mL) ML	_ Lab F	ile ID:	GHO?	77964B22
Level: (low/med)	LOW	Date	Received:	02/0	01/92
% Moisture:	decanted: (Y/N)	N Date	Extracted:	02/0	04/92
Concentrated Extract	Volume: 1000	(uL) Date	Analyzed:	02/0	04/92
Injection Volume:	(uL)	Dilut	ion Factor	: 1.0	)
GPC Cleanup: (Y/N)	<u>N</u> pH:	-			
CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug)			Q
110-86-1 97-63-2 109-06-8 10595-95-6 66-27-3 55-18-5 62-50-5 108-95-2 62-53-3 76-01-7 111-44-4 95-57-8 106-46-7 95-50-1 95-48-7 95-48-7 95-48-7 95-89-2 930-55-2 930-55-2 98-86-2 636-21-5 636-21-5 98-95-3 100-75-4 78-59-1 88-75-5 105-67-9	Ethyl methacry2-PicolineNitrosomethyleMethyl methaneN-NitrosodiethEthyl methanesPhenol	thylamine sulfonate lylamine lylamine lylamine lylamine lylamine lylether lane lylether lylet		10 10 10 10 10 10 10 10 10 10 10 10 10 1	

FORM I X-1

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120-83-22,4-Dichlorophenol 120-82-11,2,4-Trichlorobenzene 91-20-3Naphthalene 106-47-84-Chloroaniline 87-65-02,6-Dichlorophenol 122-09-8dimethylphenylethylamine 1888-71-7Hexachloropropene 87-68-3Hexachlorobutadiene 924-16-3N-Nitroso-di-n-butylamine 59-50-74-Chloro-3-Methylphenol 106-50-3P-Phenylenediamine 94-59-7Safrole 91-57-62-Methylnaphthalene 95-94-31,2,4,5-Tetrachlorobenzene 77-47-4	10 2 10 10 20 10 10 10 10 10 10 10 10 20 20 20 20 10 10	ממממממממממממממממממממממ
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RNOIG

FORM I SV-1

RNOIG Lab Name: COMPUCHEM,RTP Contract: 500077 Lab Code: <u>COMPU</u> Case No.: <u>24964</u> SAS No.: \_\_\_\_\_ SDG No.: <u>0008</u> Matrix: (soil/water) WATER Lab Sample ID: <u>477964</u> Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH077964B22 Level: (low/med) LOW Date Received: 02/01/92 % Moisture: not dec. \_\_\_\_ dec. \_\_\_ Date Extracted: 02/04/92 Extraction: (SepF/Cont/Sonc) <u>SEPF</u> Date Analyzed: 02/04/92 GPC Cleanup: (Y/N) N pH: \_\_\_\_ Dilution Factor: 1.0 CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) <u>UG/L</u> Q 99-09-2----3-Nitroaniline\_\_\_\_\_ U 20 83-32-9-----Acenaphthene 10 U 51-28-5----2,4-Dinitrophenol\_\_\_\_ 40 U 100-02-7----4-Nitrophenol\_\_\_\_\_ U 10 132-64-9-----Dibenzofuran\_ U 10 121-14-2----2,4-Dinitrotoluene\_\_\_\_ U 10 608-93-5----Pentachlorobenzene U 10 134-32-7----2-Naphthylamine\_ 20 U 134-32-7----1-Naphthylamine U 20 58-90-2----2,3,4,6-Tetrachlorophenol U 20 84-66-2----Diethylphthalate\_\_\_\_ U 10 297-97-2----Zinophos U 10 7005-72-3----4-Chlorophenyl-phenylether U 10 U 86-73-7-----Fluorene 10 100-01-6----4-Nitroaniline U 20 99-55-8----5-Nitro-o-toluidine U 20 122-66-7----1,2-Diphenylhydrazine U 10 534-52-1----4,6-Dinitro-2-Methylphenol 30 U 86-30-6----N-Nitrosodiphenylamine (1)\_ U 10 122-39-4-----Diphenylamine\_ U 10 99-35-4----1,3,5-Trinitrobenzene\_\_\_\_ U 20 62-44-2----Phenacetin\_ U 10 101-55-3----4-Bromophenyl-phenylether U 10 2303-16-4-----Diallate U 10 U 60-51-5-----Dimethoate 10 118-74-1----Hexachlorobenzene U 10 92-67-1----4-Aminobiphenyl\_\_\_\_ U 10 23950-58-5----Pronamide\_ U 10 87-86-5----Pentachlorophenol 20 U 82-68-8-----Pentachloronitrobenzene 10 U 85-01-8-----Phenanthrene U 10 120-12-7-----Anthracene U 10 84-74-2----Di-n-Butylphthalate 10 U 91-80-5-----Methapyrilene\_\_\_\_ 20 U

(1) - Cannot be separated from Diphenylamine FORM I SV-2

206-44-0Fluoranthene	10	U I
92-87-5Benzidine	10	u l
129-00-0Pyrene	10	Ü
140-57-8Aramite	20	Ü
		- 1
60-11-7p-Dimethylaminoazobenzene	10	U
510-15-6Chlorobenzilate	10	U
119-93-73,3'-Dimethylbenzidine	20	U
85-68-7Butylbenzylphthalate	10	U
53-96-32-Acetylaminofluorene	10	U
91-94-13,3'-Dichlorobenzidine	10	U
56-55-3Benzo(a) Anthracene	10	U
117-81-7bis(2-Ethylhexyl)Phthalate	3	<b>G</b>
218-01-9Chrysene	10	Ū
		•
117-84-0Di-n-Octyl Phthalate	10	U
205-99-2Benzo(b) Fluoranthene	10	Ŭ
57-97-67,12-Dimethylbenzanthracene	10	U
207-08-9Benzo(k) Fluoranthene	10	U
50-32-8Benzo(a) Pyrene	10	U
56-49-53-Methylcholanthrene	10	U
193-39-5Indeno(1,2,3-cd)Pyrene	10	Ū
		Ü
53-70-3Dibenz(a,h)Anthracene	10	-
191-24-2Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

RNOIG

RN09G Lab Name: COMPUCHEM, RTP Contract: <u>500077</u> Lab Code: <u>COMPU</u> Case No.: <u>24105</u> SAS No.: \_\_\_\_\_ SDG No.: <u>540</u> Matrix: (soil/water) WATER Lab Sample ID: 472774 Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR072774B22 Level: (low/med) LOW Date Received: 12/20/91 % Moisture: not dec. \_\_\_\_ dec. \_\_\_ Date Extracted: 12/30/91 Extraction: (SepF/Cont/Sonc) <u>SEPF</u> Date Analyzed: 01/02/92 GPC Cleanup: (Y/N) N pH: \_\_\_\_ Dilution Factor: 1.0 CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) <u>UG/L</u> 62-75-9----N-Nitrosodimethylamine\_\_\_\_ 10 U 110-86-1-----Pyridine\_ 10 U 97-63-2----Ethyl methacrylate 10 U 109-06-8----2-Picoline 20 U 10595-95-6----Nitrosomethylethylamine\_\_\_\_ 10 U 66-27-3-----Methyl methanesulfonate\_\_\_\_ 10 U 55-18-5----N-Nitrosodiethylamine\_ 10 U 62-50-0----Ethyl methanesulfonate\_\_\_\_ 10 U 108-95-2----Phenol 10 U 62-53-3-----Aniline 10 U 76-01-7----Pentachloroethane 10 U 111-44-4----bis(2-Chloroethyl)Ether\_ 20 U 95-57-8----2-Chlorophenol 10 U 541-73-1----1,3-Dichlorobenzene 10 U 106-46-7----1, 4-Dichlorobenzene J 1 100-51-6----Benzyl Alcohol\_ 10 U 95-50-1----1,2-Dichlorobenzene\_ 10 U 95-48-7----2-Methylphenol\_ 10 U 39638-32-9----bis(2-Chloroisopropyl)Ether U 10 108-39-4----3-Methylphenol\_\_\_ U 10 106-44-5----4-Methylphenol U 10 930-55-2----N-Nitrosopyrrolidine\_ U 10 59-89-2----N-Nitrosomorpholine U 10 98-86-2----Acetophenone U 10 621-64-7----N-Nitroso-Di-n-Propylamine\_\_\_ U 10 636-21-5----o-Toluidine hydrochloride\_\_\_\_ U 10 67-72-1-----Hexachloroethane 10 U 98-95-3----Nitrobenzene\_ U 10 100-75-4----N-Nitrosopiperidine 10 U 78-59-1-----Isophorone 10 U 88-75-5----2-Nitrophenol U 10 105-67-9----2,4-Dimethylphenol\_\_\_\_ U 10 65-85-0----Benzoic Acid U 100 111-91-1----bis(2-Chloroethoxy)Methane Ħ 10 FORM I SV-1 1/87 Rev.

120-02 2 - 2 4 Dishlowerhand	1 10	U (
120-83-22,4-Dichlorophenol	10	1
120-82-11,2,4-Trichlorobenzene	10	U
91-20-3Naphthalene	10	U
106-47-84-Chloroaniline	10	U
87-65-02,6-Dichlorophenol	20	U
122-09-8dimethylphenylethylamine	10	U
1888-71-7Hexachloropropene	10	U
87-68-3Hexachlorobutadiene	10	U
924-16-3N-Nitroso-di-n-butylamine	10	U
59-50-74-Chloro-3-Methylphenol	10	U
106-50-3P-Phenylenediamine	10	U
94-59-7Safrole	10	U
91-57-62-Methylnaphthalene	10	U
95-94-31,2,4,5-Tetrachlorobenzene	10	U
77-47-4Hexachlorocyclopentadiene	10	U
88-06-22,4,6-Trichlorophenol	20	U
95-95-42,4,5-Trichlorophenol	20	ប
120-58-1Isosafrole	20	ט
91-58-72-Chloronaphthalene	10	ט ו
88-74-42-Nitroaniline	10	U I
130-15-41,4-Naphthoquinone	20	Ū
131-11-3Dimethyl Phthalate	10	<u>"</u>
208-96-8Acenaphthylene	10	U
606-20-22,6-Dinitrotoluene	10	ט
ooo-20-22, o-Dilliciocordelle	10	
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FORM I SV-1

1/87 Rev.

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RN09G Lab Name: COMPUCHEM, RTP \_\_\_\_\_ Contract: <u>500077</u> Lab Code: <u>COMPU</u> Case No.: <u>24105</u> SAS No.: \_\_\_\_\_ SDG No.: <u>540</u> Matrix: (soil/water) WATER Lab Sample ID: <u>472774</u> Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR072774B22 Level: (low/med) LOW Date Received: 12/20/91 % Moisture: not dec. \_\_\_\_ dec. \_\_\_ Date Extracted: 12/30/91 Extraction: (SepF/Cont/Sonc) <u>SEPF</u> Date Analyzed: 01/02/92 GPC Cleanup: (Y/N) N pH: \_\_\_\_ Dilution Factor: 1.0 CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) <u>UG/L</u> Q 99-09-2----3-Nitroaniline\_-20 83-32-9----Acenaphthene 10 U 51-28-5----2,4-Dinitrophenol U 40 100-02-7----4-Nitrophenol\_\_\_\_\_ U 10 132-64-9-----Dibenzofuran U 10 121-14-2----2,4-Dinitrotoluene 10 U 608-93-5----Pentachlorobenzene 10 U 91-59-8----2-Naphthylamine\_ U 20 134-32-7----1-Naphthylamine 20 U 58-90-2----2,3,4,6-Tetrachlorophenol 20 U 84-66-2----Diethylphthalate\_\_\_\_ U 10 297-97-2----Zinophos U 10 7005-72-3----4-Chlorophenyl-phenylether U 10 86-73-7----Fluorene 10 U 100-01-6----4-Nitroaniline 20 U 99-55-8----5-Nitro-o-toluidine\_ 20 U 122-66-7----1,2-Diphenylhydrazine\_ 10 U 534-52-1----4,6-Dinitro-2-Methylphenol 30 U 86-30-6----N-Nitrosodiphenylamine (1)\_\_\_\_ 10 H 122-39-4-----Diphenylamine 10 U 99-35-4----1,3,5-Trinitrobenzene\_\_ 20 U 62-44-2----Phenacetin 10 U 101-55-3----4-Bromophenyl-phenylether 10 U 2303-16-4-----Diallate\_ 10 U 60-51-5-----Dimethoate\_ 10 U 118-74-1-----Hexachlorobenzene 10 U 92-67-1----4-Aminobiphenyl\_\_\_\_ 10 U 23950-58-5----Pronamide U 10 87-86-5----Pentachlorophenol\_\_\_\_ U 20 82-68-8-----Pentachloronitrobenzene\_\_\_ U 10 85-01-8-----Phenanthrene U 10 120-12-7----Anthracene\_ 10 U 84-74-2----Di-n-Butylphthalate 10 U 91-80-5-----Methapyrilene\_\_\_ U 20 (1) - Cannot be separated from Diphenylamine

1/87 Rev.

FORM I SV-2

-	206-44-0Fluoranthene	10	U
	92-87-5Benzidine	10	Ŭ
I	129-00-0Pyrene	10	U
	60-11-7p-Dimethylaminoazobenzene	10	U
l	510-15-6Chlorobenzilate	10	U
1	119-93-73,3'-Dimethylbenzidine	20	U
-	85-68-7Butylbenzylphthalate	10	U
-	53-96-32-Acetylaminofluorene	10	U
-	91-94-13,3'-Dichlorobenzidine	10	U
	56-55-3Benzo(a) Anthracene	10	U
	218-01-9Chrysene	10	U
	117-81-7bis(2-Ethylhexyl)Phthalate	3	J
	117-84-0Di-n-Octyl Phthalate	10	U
	205-99-2Benzo(b) Fluoranthene	10	ע
1	57-97-67,12-Dimethylbenzanthracene_	10	U
l	207-08-9Benzo(k) Fluoranthene	10	U
1	50-32-8Benzo(a) Pyrene	10	ע
l	56-49-53-Methylcholanthrene	10	U
	193-39-5Indeno(1,2,3-cd)Pyrene	10	U
	53-70-3Dibenz(a,h)Anthracene	10	U
1	191-24-2Benzo(g,h,i) Perylene	10	U
١	1)1 01 1 Della (Alv.) 1 1 2 1 - 2		
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(1) - Cannot be separated from Diphenylamine

1/87 Rev. 412MY

RNDPG Lab Name: COMPUCHEM.RTP Contract: 500077 Lab Code: COMPU Case No.: 24105 SAS No.: SDG No.: 226\_\_\_\_ Matrix: (soil/water) WATER\_ Lab Sample ID: 472763 1000 (g/mL) ML Sample wt/vol: Lab File ID: GH072763A22 (low/med) LOW Level: Date Received: 12/20/91 % Moisture: not dec. \_\_\_\_ dec. Date Extracted: 12/26/91 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/28/91 GPC Cleanup: (Y/N) N\_\_ pH: \_\_\_\_ Dilution Factor: 1.0

CONCENTRATION UNITS:

COMPOUND CAS NO. (ug/L or ug/Kg) UG/L Q 62-75-9----N-Nitrosodimethylamine\_\_\_\_ 10 U 110-86-1-----Pyridine 10 U 97-63-2----Ethyl methacrylate 10 U 109-06-8----2-Picoline U 20 10595-95-6----Nitrosomethylethylamine 10 U 66-27-3-----Methyl methanesulfonate 10 U 55-18-5-----N-Nitrosodiethylamine U 10 62-50-0-----Ethyl methanesulfonate 10 U 108-95-2----Phenol 10 U 62-53-3-----Aniline 10 U 76-01-7-----Pentachloroethane 10 ŭ 111-44-4----bis(2-Chloroethyl) Ether 20 U 95-57-8----2-Chlorophenol 10 U 541-73-1----1,3-Dichlorobenzene\_ J 1 106-46-7-----1,4-Dichlorobenzene 2 J U 100-51-6-----Benzyl Alcohol 10 95-50-1----1,2-Dichlorobenzene U 10 U 95-48-7----2-Methylphenol 10 39638-32-9----bis(2-Chloroisopropyl)Ether U 10 108-39-4----3-Methylphenol U 10 U 106-44-5----4-Methylphenol 10 930-55-2----N-Nitrosopyrrolidine 10 U 59-89-2----N-Nitrosomorpholine Ü 10 98-86-2-----Acetophenone 10 U 621-64-7----N-Nitroso-Di-n-Propylamine U 10 U 636-21-5----o-Toluidine hydrochloride 10 U 67-72-1----Hexachloroethane 10 U 98-95-3-----Nitrobenzene 10 100-75-4----N-Nitrosopiperidine U 10 78-59-1-----Isophorone 10 U 88-75-5----2-Nitrophenol 10 Ü Ü 105-67-9----2,4-Dimethylphenol 10 65-85-0-----Benzoic Acid J 1 111-91-1-----bis(2-Chloroethoxy) Methane 10 Ü

(1) - Cannot be separated from Diphenylamine FORM I SV-4

120-83-22,4-Dichlorophenol	10 10 10	ם ט
106-47-84-Chloroaniline 87-65-02,6-Dichlorophenol 122-09-8dimethylphenylethylamine 1888-71-7Hoxachloropropene 87-68-3Hexachlorobutadiene 924-16-3N-Nitroso-di-n-butylamine	10 20 10 10 10	מממממ
59-50-74-Chloro-3-Methylphenol 106-50-3P-Phenylenediamine 94-59-7Safrole 91-57-62-Methylnaphthalene 95-94-31,2,4,5-Tetrachlorobenzene	10 10 10 10	ממממ
77-47-4Hexachlorocyclopentadiene 88-06-22,4,6-Trichlorophenol 95-95-42,4,5-Trichlorophenol 120-58-1Isosafrole 91-58-72-Chloronaphthalene	10 20 20 20 10	ממממ
88-74-42-Nitroaniline 130-15-41,4-Naphthoquinone 131-11-3Dimethyl Phthalate 208-96-8Acenaphthylene 606-20-22,6-Dinitrotoluene	10 20 10 10	ממממ

### 1C SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: COMPUCHEM, RTP	Contract: 500077 RNDPG
Lab Code: COMPU Case No.: 24105	SAS No.: SDG No.: 226
Matrix: (soil/water) WATER	Lab Sample ID: 472763
Sample wt/vol: 1000 (g/mL) ML	Lab File ID: GH072763A22
Level: (low/med) LOW	Date Received: 12/20/91
% Moisture: not dec dec	Date Extracted: 12/26/91
Extraction: (SepF/Cont/Sonc) SEP	E Date Analyzed: 12/28/91
GPC Cleanup: (Y/N) N pH:	Dilution Factor: 1.0
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Q

99-09-2	3-Nitroaniline	20	Ū
23-32-9	Acenaphthene	10	U
51-28-5	2.4-Dinitrophenol	40	U
100-02-7	2,4-Dinitrophenol	10	U
			ט
121-14-2	Didenzoruran 2,4-Dinitrotoluene	10	Ų
608-93-5	Pentachlorobenzene	10	U
91-59-8	2-Naphthylamine	20	ט
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethvlphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	Zinophos4-Chlorophenyl-phenylether_	10	U
86-73-7	Fluorene	10	ט
100-01-6	4-Nitroaniline	20	Ū
99-55-8	5-Nitro-o-toluidine	20	ט
	1,2-Diphenylhydrazine	10	U
534-52-1	4.6-Dinitro-2-Methylphenol		U
86-30-6	4,6-Dinitro-2-Methylphenol_ N-Nitrosodiphenylamine (1)	10	Ū
122-39-4	Diphenylamine	10	Ū
99-35-4	Diphenylamine 1,3,5-Trinitrobenzene	20	U
62-44-2	Phenacetin	10	U
101-55-3	Phenacetin 4-Bromophenyl-phenylether	10	Ų
2303-16-4	Diallate	10	U
	Dimethoate	10	U
	Hexachlorobenzene		Ū
	4-Aminobiphenyl		U
	Pronamide	10	U
	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene		U
85-01-8	Phenanthrene		U
	Anthracene	10	U
84-74-2	Di-n-Butylphthalate		U
	Methapyrilene	20	U

206-44-0Fluoranthene	10 [	U
92-87-5Benzidine	10	U
129-00-0Pyrene	10	ט
60-11-7p-Dimethylaminoazobenzene	10	U
510-15-6Chlorobenzilate	10	U
119-93-73,3'-Dimethylbenzidine	20	U
85-68-7Butylbenzylphthalate	10	ט
53-96-32-Acetylaminofluorene	10	U
91-94-13,3'-Dichlorobenzidine	10	U
56-55-3Benzo(a) Anthracene	10	U
218-01-9Chrysene	10	U
117-81-7bis(2-Ethylhexyl)Phthalate	4	BJ
117-84-0Di-n-Octyl Phthalate	10	U
205-99-2Benzo(b)Fluoranthene	10	U
57-97-67,12-Dimethylbenzanthracene	10	U
207-08-9Benzo(k)Fluoranthene	10	U
50-32-8Benzo(a) Pyrene	10	U
56-49-53-Methylcholanthrene_	10	U
193-39-5Indeno(1,2,3-cd)Pyrene	10	Ų
53-70-3Dibenz(a,h)Anthracene	10	U
191-24-2Benzo(g,h,i)Perylene	10	ŭ

(1) - Cannot be separated from Diphenylamine

EPA SAMPLE NO.

RN10G Lab Name: COMPUCHEM,RTP Contract: 500077 Matrix: (soil/water) WATER Lab Sample ID: 472753 Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH072753A22 Level: (low/med) LOW Date Received: 12/20/91 % Moisture: not dec. \_\_\_\_ dec. \_\_\_\_ Date Extracted: 12/26/91 Date Analyzed: 12/28/91 Extraction: (SepF/Cont/Sonc) SEPF Dilution Factor: 1.0 GPC Cleanup: (Y/N) N pH: \_\_\_\_ CONCENTRATION UNITS: . Q CAS NO. COMPOUND (ug/L or ug/Kg) <u>UG/L</u> 62-75-9----N-Nitrosodimethylamine\_\_\_\_ 10 110-86-1-----Pyridine 10 U 97-63-2----Ethyl methacrylate U 10 109-06-8----2-Picoline J 1 10595-95-6----Nitrosomethylethylamine\_\_\_\_ U 10 U 66-27-3-----Methyl methanesulfonate\_\_\_ 10 U 55-18-5----N-Nitrosodiethylamine\_ 10 62-50-0----Ethyl methanesulfonate U 10 U 108-95-2----Phenol 10 62-53-3-----Aniline U 10 76-01-7----Pentachloroethane U 10 111-44-4----bis(2-Chloroethyl)Ether\_\_\_ 20 U U 95-57-8----2-Chlorophenol 10 541-73-1----1,3-Dichlorobenzene J 7 106-46-7-----1,4-Dichlorobenzene\_\_\_ 39 U 100-51-6----Benzyl Alcohol 10 95-50-1----1,2-Dichlorobenzene\_\_\_\_ 10 U 95-48-7----2-Methylphenol 10 U 39638-32-9----bis(2-Chloroisopropyl)Ether 10 U U 108-39-4----3-Methylphenol\_ 10 U 106-44-5----4-Methylphenol\_ 10 U 930-55-2----N-Nitrosopyrrolidine\_\_\_\_ 10 U 59-89-2----N-Nitrosomorpholine\_\_\_\_ 10 98-86-2----Acetophenone 3 J 621-64-7----N-Nitroso-Di-n-Propylamine\_\_\_ 10 U 636-21-5----o-Toluidine hydrochloride U 10 67-72-1-----Hexachloroethane 10 U 98-95-3-----Nitrobenzene 10 U 100-75-4----N-Nitrosopiperidine\_\_\_\_ 10 U U 78-59-1-----Isophorone 10 88-75-5----2-Nitrophenol 10 U 105-67-9----2,4-Dimethylphenol\_\_\_\_ U 10 U 65-85-0-----Benzoic Acid\_ 100 U 111-91-1----bis(2-Chloroethoxy)Methane 10 FORM I SV-1 1/87 Rev.

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120-83-22,4-Dichlorophenol	10	U
120-82-11,2,4-Trichlorobenzene	10	U
91-20-3Naphthalene	2	J
106-47-84-Chloroaniline	10	U
87-65-02,6-Dichlorophenol	20	U
122-09-8dimethylphenylethylamine	10	U
1888-71-7Hexachloropropene	10	U
87-68-3Hexachlorobutadiene	10	U
924-16-3N-Nitroso-di-n-butylamine	10	U
59-50-74-Chloro-3-Methylphenol	10	U
106-50-3P-Phenylenediamine	10	U
94-59-7Safrole	10	U
91-57-62-Methylnaphthalene	10	U
95-94-31,2,4,5-Tetrachlorobenzene	10	U
77-47-4Hexachlorocyclopentadiene	10	U
88-06-22,4,6-Trichlorophenol	20	U
95-95-42,4,5-Trichlorophenol	20	U
120-58-1Isosafrole	20	U
91-58-72-Chloronaphthalene	10	U
88-74-42-Nitroaniline	10	U
130-15-41,4-Naphthoquinone	20	U
131-11-3Dimethyl Phthalate	10	U
208-96-8Acenaphthylene	10	U
606-20-22,6-Dinitrotoluene	10	U
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412153

#### 1C SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RN10G Lab Name: COMPUCHEM, RTP Contract: 500077 Lab Code: <u>COMPU</u> Case No.: <u>24105</u> SAS No.: \_\_\_\_\_ SDG No.: <u>540</u> Matrix: (soil/water) WATER Lab Sample ID: 472753 Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH072753A22 Level: (low/med) LOW Date Received: 12/20/91 % Moisture: not dec. \_\_\_\_ dec. \_\_\_\_ Date Extracted: 12/26/91 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/28/91 GPC Cleanup: (Y/N) N pH: \_\_\_ Dilution Factor: 1.0 CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 0

99-09-2----3-Nitroaniline. 20 U 83-32-9----Acenaphthene 10 U 51-28-5----2,4-Dinitrophenol 40 U 100-02-7----4-Nitrophenol 10 U 132-64-9-----Dibenzofuran 10 U 121-14-2----2,4-Dinitrotoluene 10 U 608-93-5----Pentachlorobenzene\_ 10 TT 91-59-8----2-Naphthylamine 20 U 134-32-7----1-Naphthylamine\_ 20 U 58-90-2----2,3,4,6-Tetrachlorophenol 20 U 84-66-2----Diethylphthalate\_\_\_\_ 10 U 297-97-2----Zinophos 10 U 7005-72-3----4-Chlorophenyl-phenylether 10 U 86-73-7-----Fluorene\_ 10 U 100-01-6----4-Nitroaniline 20 U 99-55-8----5-Nitro-o-toluidine U 20 122-66-7----1, 2-Diphenylhydrazine U 10 534-52-1----4,6-Dinitro-2-Methylphenol 30 U 86-30-6----N-Nitrosodiphenylamine (1) 10 U 122-39-4-----Diphenylamine 10 U 99-35-4----1,3,5-Trinitrobenzene 20 U 62-44-2----Phenacetin 10 U 101-55-3----4-Bromophenyl-phenylether 10 U 2303-16-4-----Diallate 10 U 60-51-5-----Dimethoate 10 U 118-74-1-----Hexachlorobenzene 10 U 92-67-1----4-Aminobiphenyl\_\_\_ 10 U 23950-58-5----Pronamide 10 U 87-86-5-----Pentachlorophenol\_ 20 U 82-68-8-----Pentachloronitrobenzene 10 U 85-01-8-----Phenanthrene 10 U 120-12-7-----Anthracene 10 U 84-74-2----Di-n-Butylphthalate 10 U 91-80-5-----Methapyrilene U 20

(1) - Cannot be separated from Diphenylamine FORM I SV-2

206-44-0Fluoranthene	10	U
92-87-5Benzidine	10	U
129-00-0Pyrene	10	U
60-11-7p-Dimethylaminoazobenzene	10	U
510-15-6Chlorobenzilate	10	Ū
119-93-73,3'-Dimethylbenzidine	20	U
85-68-7Butylbenzylphthalate	10	U
53-96-32-Acetylaminofluorene	10	U
91-94-13,3'-Dichlorobenzidine	10	U
56-55-3Benzo(a)Anthracene	10	U
218-01-9Chrysene	10	U
117-81-7bis(2-Ethylhexyl)Phthalate	2	BJ
117-84-0Di-n-Octyl Phthalate	10	U
205-99-2Benzo(b)Fluoranthene	10	U
57-97-67,12-Dimethylbenzanthracene	10	U
207-08-9Benzo(k)Fluoranthene	10	U
50-32-8Benzo(a) Pyrene	10	U
56-49-53-Methylcholanthrene	10	U
193-39-5Indeno(1,2,3-cd)Pyrene	10	U
53-70-3Dibenz(a,h)Anthracene	10	U
191-24-2Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

#### 1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RN11G Lab Name: COMPUCHEM, RTP Contract: 500077 Matrix: (soil/water) WATER Lab Sample ID: 472789 Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH072789A22 Level: (low/med) LOW Date Received: 12/20/91 % Moisture: not dec. \_\_\_\_ dec. \_\_\_ Date Extracted: 12/26/91 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/28/91 GPC Cleanup: (Y/N) N pH: \_\_\_\_ Dilution Factor: 1.0 CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

62-75-9N-Nitrosodimethylamine	10 10 20 10 10 10	ממממממ
110-86-1Pyridine 97-63-2Ethyl methacrylate 109-06-82-Picoline 10595-95-6Nitrosomethylethylamine 66-27-3Methyl methanesulfonate	10 20 10 10 10	ם ם ם ח
97-63-2Ethyl methacrylate	20 10 10 10 10	ם מ מ
109-06-82-Picoline 10595-95-6Nitrosomethylethylamine 66-27-3Methyl methanesulfonate	10 10 10 10	ט ט ט
10595-95-6Nitrosomethylethylamine66-27-3Methyl methanesulfonate	10 10 10 10	מ
66-27-3Methyl methanesulfonate	10 10 10	ם ח
55-18-5N-Nitrosodiethylamine	10	Ū
	10	1 -
62-50-0Ethyl methanesulfonate		1
108-95-2Phenol		U
62-53-3Aniline	10	U
76-01-7Pentachloroethane	10	U
111-44-4bis(2-Chloroethyl)Ether	20	U
95-57-82-Chlorophenol	10	U
541-73-11,3-Dichlorobenzene	10	U
106-46-71,4-Dichlorobenzene	1	J
100-51-6Benzyl Alcohol	10	U
95-50-11,2-Dichlorobenzene	10	U
95-48-72-Methylphenol	10	U
39638-32-9bis(2-Chloroisopropyl)Ether_	10	U
108-39-43-Methylphenol	10	Ū
106-44-54-Methylphenol	10	Ū
930-55-2N-Nitrosopyrrolidine	10	u
59-89-2N-Nitrosomorpholine	10	U
98-86-2Acetophenone	10	Ū
621-64-7N-Nitroso-Di-n-Propylamine	10	U
636-21-5o-Toluidine hydrochloride	10	Ū
67-72-1Hexachloroethane	10	υ
98-95-3Nitrobenzene	10	Ū
100-75-4N-Nitrosopiperidine	10	u
78-59-1Isophorone	10	U
88-75-52-Nitrophenol	10	Ū
105-67-92,4-Dimethylphenol	10	U
65-85-0Benzoic Acid	1	J
111-91-1bis(2-Chloroethoxy) Methane	10	U
TIL JI I		1

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472789

RN11G Contract: <u>500077</u> Lab Name: COMPUCHEM, RTP Lab Code: <u>COMPU</u> Case No.: <u>24105</u> SAS No.: \_\_\_\_\_ SDG No.: <u>540</u> Matrix: (soil/water) WATER Lab Sample ID: 472789 Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH072789A22 Level: (low/med) LOW Date Received: 12/20/91 % Moisture: not dec. \_\_\_\_ dec. \_\_\_ Date Extracted: 12/26/91 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/28/91 GPC Cleanup: (Y/N) N pH: \_\_\_\_ Dilution Factor: 1.0 CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 99-09-2----3-Nitroaniline. 20 83-32-9----Acenaphthene 10 U 51-28-5----2,4-Dinitrophenol\_ 40 U 100-02-7----4-Nitrophenol\_\_\_\_ 10 U 132-64-9-----Dibenzofuran 10 U 121-14-2----2,4-Dinitrotoluene 10 U 608-93-5----Pentachlorobenzene 10 TT 91-59-8----2-Naphthylamine\_ 20 U 134-32-7----1-Naphthylamine 20 U 58-90-2----2,3,4,6-Tetrachlorophenol\_ 20 U 84-66-2----Diethylphthalate 10 U 297-97-2----Zinophos U 10 7005-72-3----4-Chlorophenyl-phenylether 10 U 86-73-7-----Fluorene 10 U 100-01-6----4-Nitroaniline 20 U 99-55-8----5-Nitro-o-toluidine 20 U 122-66-7----1,2-Diphenylhydrazine 10 U 534-52-1----4,6-Dinitro-2-Methylphenol 30 U 86-30-6----N-Nitrosodiphenylamine (1) 10 U 122-39-4-----Diphenylamine 10 U 99-35-4----1,3,5-Trinitrobenzene 20 U 62-44-2----Phenacetin 10 U 101-55-3----4-Bromophenyl-phenylether U 10 2303-16-4-----Diallate 10 U 60-51-5-----Dimethoate\_ 10 U 118-74-1----Hexachlorobenzene 10 U 92-67-1----4-Aminobiphenyl\_\_\_ 10 U 23950-58-5----Pronamide 10 U 87-86-5----Pentachlorophenol\_ 20 U 82-68-8-----Pentachloronitrobenzene 10 U 85-01-8-----Phenanthrene

(1) - Cannot be separated from Diphenylamine

84-74-2----Di-n-Butylphthalate\_\_\_

120-12-7-----Anthracene

91-80-5----Methapyrilene

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10

10

10

20

U

U

TT

TT

206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a) Anthracene	10	U
218-01-9	Chrysene	10	U
	bis(2-Ethylhexyl)Phthalate	1	BJ
	Di-n-Octyl Phthalate	10.	U
205-99-2	Benzo(b) Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	Ū
50-32-8	Benzo(a) Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	Ū
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

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### SECTION 16

## PESTICIDES/PCB ANALYSIS - GROUNDWATER

RN01G	-	Groundwater sample from Monitoring Well NS-1.
RN09G	-	Groundwater sample from Monitoring Well NS-9.
RNDPG	-	Groundwater sample from Monitoring Well NS-9 (Duplicate).
RN10G	-	Groundwater sample from Monitoring Well NS-10 (PCB Analysis Only).
RN11G		Groundwater sample from Monitoring Well NS-11.

# PESTICIDES, METHOD 8080 (Page 1)

SAMPLE IDENTIFIER: RN01G COMPUCHEM® SAMPLE NUMBER: 477973

		CONCENTRATION (ug/L)	DETECTION† LIMIT (ug/L)
1P.	4,4'-DDD	BDL	0.50
2P.	4,4'-DDE	BDL	0.50
3P.	4,4'-DDT	BDL	0.50
4P. 5P. 6P.	ALDRIN CHLORDANE DIELDRIN	BDL BDL	0.15 0.60
7P. 8P.	ENDOSULFAN I ENDOSULFAN II	BDL BDL BDL	0.15 0.25 0.50
9P.	ENDOSULFAN SULFATE	BDL	0.25
10P.	ENDRIN	BDL	0.25
11P.	ENDRIN ALDEHYDE	BDL	0.15
12P.	HEPTACHLOR	BDL	0.15
13P.	HEPTACHLOR EPOXIDE	BDL	0.15
14P.	KEPONE	BDL	1.5
15P.	METHOXYCHLOR	BDL	1.5
16P.	PCB-1016	BDL	2.5
17P.	PCB-1221	BDL	2.5
18P.	PCB-1232	BDL	2.5
19P.	PCB-1242	BDL	2.5
20P.	PCB-1248	BDL	2.5
21P.	PCB-1254	520	2.5
22P.	PCB-1260	BDL	2.5
23P.	TOXAPHENE	BDL	5.0
24P.	ALPHA-BHC	BDL	0.15
25P.	BETA-BHC	BDL	0.15
26P.	DELTA-BHC	BDL	0.15
27P.	GAMMA-BHC	BDL	0.15

(Continued)

# PESTICIDES, METHOD 8080 (Page 2)

SAMPLE IDENTIFIER:

RN01G

COMPUCHEM® SAMPLE NUMBER:

477973

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

% Recovery Control Range %
Dibutylchlorendate 62 (48-136)\*

### BDL=BELOW DETECTION LIMIT

†The sample analyzed using a 5:1 dilution, thus the higher than normal detection limits.

<sup>\*</sup>Advisory surrogate; with the exception of dilutions recovery below 20% requires action step (re-extraction and re-analysis).

# PESTICIDES, METHOD 8080 (Page 1)

SAMPLE IDENTIFIER:

RN09G

COMPUCHEM® SAMPLE NUMBER: 472779

(Continued)

	•	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1P. 2P.	4,4'-DDD 4,4'-DDE	BDL BDL	0.10 0.10
3P. 4P.	4,4'-DDT ALDRIN	BDL	0.10
5P.	CHLORDANE	BDL BDL	0.03 0.12
6P.	DIELDRIN	BDL	0.03
7P. 8P.	ENDOSULFAN I ENDOSULFAN II	BDL	0.05
9P.	ENDOSULFAN II ENDOSULFAN SULFATE	BDL BDL	0.10 0.05
10P.	ENDRIN	BDL	0.05
11P.	ENDRIN ALDEHYDE	BDL	0.03
12P. 13P.	HEPTACHLOR HEPTACHLOR EPOXIDE	BDL BDL	0.03
14P.	KEPONE	BDL	0.03 0.30
15P.	METHOXYCHLOR	BDL	0.30
16P. 17P.	PCB-1016 PCB-1221	BDL BDL	0.50
18P.	PCB-1232	BDL	0.50 0.50
19P.	PCB-1242	BDL	0.50
20P. 21P.	PCB-1248 PCB-1254	BDL	0.50
22P.	PCB-1254 PCB-1260	BDL BDL	0.50 0.50
23P.	TOXAPHENE	BDL	1.00
24P. 25P.	ALPHA-BHC BETA-BHC	BDL	0.03
26P.	DELTA-BHC	BDL BDL	0.03 0.03
27P.	GAMMA-BHC	BDL	0.03

# PESTICIDES, METHOD 8080 (Page 2)

SAMPLE IDENTIFIER:

RN09G

COMPUCHEM® SAMPLE NUMBER:

472779

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

\*Advisory surrogate; with the exception of dilutions recovery below 20% requires action step (re-extraction and re-analysis).

# PESTICIDES, METHOD 8080 (Page 1)

SAMPLE IDENTIFIER: COMPUCHEM® SAMPLE NUMBER:

RNDPG

472764

	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)		
1P. 4,4'-DDD 2P. 4,4'-DDE 3P. 4,4'-DDT 4P. ALDRIN 5P. CHLORDANE 6P. DIELDRIN 7P. ENDOSULFAN II 8P. ENDOSULFAN II 9P. ENDOSULFAN SULFATE 10P. ENDRIN 11P. ENDRIN ALDEHYDE 12P. HEPTACHLOR 13P. HEPTACHLOR 13P. HEPTACHLOR 15P. METHOXYCHLOR 16P. PCB-1016 17P. PCB-1221 18P. PCB-1232 19P. PCB-1242 20P. PCB-1248 21P. PCB-1254 22P. PCB-1260 23P. TOXAPHENE 24P. ALPHA-BHC 25P. BETA-BHC 26P. DELTA-BHC 27P. GAMMA-BHC (Continued)	BDL BDL BDL BDL BDL BDL BDL BDL BDL BDL	0.10 0.10 0.10 0.03 0.12 0.03 0.05 0.05 0.03 0.03 0.30 0.30 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.03 0.03		
(continued)				

### PESTICIDES, METHOD 8080 (Page 2)

SAMPLE IDENTIFIER:

RNDPG

COMPUCHEM® SAMPLE NUMBER:

472764

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	<pre>% Recovery</pre>	Control Range %
Dibutylchlorendate	58	(48-136)*

\*Advisory surrogate; with the exception of dilutions recovery below 20% requires action step (re-extraction and re-analysis).

# COMPOUND LIST APPENDIX VIII, IX - PCBs, METHOD 8080

SAMPLE IDENTIFIER: COMPUCHEM® SAMPLE NUMBER:

RN10G 472754

		CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1P. 2P. 3P. 4P. 5P. 6P. 7P.	PCB-1016 PCB-1221 PCB-1232 PCB-1242 PCB-1248 PCB-1254 PCB-1260	BDL BDL BDL BDL BDL BDL BDL	0.50 0.50 0.50 0.50 0.50 0.50

<u>Surrogate Recovery</u> - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Dibutylchlorendate	71	(48-136)*

\*Advisory surrogate; with the exception of dilutions recovery below 10% requires action step (re-extraction and re-analysis).

### COMPOUND LIST APPENDIX VIII, IX - PCBs, METHOD 8080

SAMPLE IDENTIFIER:

RN10G, RN10GMS, RN10GMSD

COMPUCHEM® SAMPLE NUMBER:

472754, 467832, 467834

COMPUCHEM® BLANK ID:

473104

•		CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1P.	PCB-1016	BDL	0.50
2P.	PCB-1221	BDL	0.50
3P.	PCB-1232	BDL	0.50
4P.	PCB-1242	BDL	0.50
5P.	PCB-1248	BDL	0.50
6P.	PCB-1254	BDL	0.50
7P.	PCB-1260	BDL	0.50

<u>Surrogate Recovery</u> - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Dibutylchlorendate	117	(48-136)*

<sup>\*</sup>Advisory surrogate; with the exception of dilutions recovery below 10% requires action step (re-extraction and re-analysis).

# PESTICIDES, METHOD 8080 (Page 1)

SAMPLE IDENTIFIER:

COMPUCHEM® SAMPLE NUMBER:

RN11G 472790

		Cr	ONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
10P. ENDRIN 11P. ENDRIN 12P. HEPTACHI	E T NE N FAN I FAN II FAN SULFATE ALDEHYDE LOR LOR EPOXIDE CHLOR S L E C E C C C C C C C C C C C C C C C C	0.18	BDL BDL BDL BDL BDL BDL BDL BDL BDL BDL	0.10 0.10 0.10 0.03 0.12 0.03 0.05 0.05 0.03 0.03 0.30 0.50 0.50

(Continued)

# PESTICIDES, METHOD 8080 (Page 2)

SAMPLE IDENTIFIER:

RN11G

COMPUCHEM® SAMPLE NUMBER:

472790

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Dibutylchlorendate	108	(48-136)*

\*Advisory surrogate; with the exception of dilutions recovery below 20% requires action step (re-extraction and re-analysis).

#### PESTICIDES, METHOD 8080 (Page 1)

SAMPLE IDENTIFIER:

RNDPG, RN09G, RN11G, R0J1G

COMPUCHEM® SAMPLE NUMBER: 472764, 472779, 472790, 472797

COMPUCHEM® BLANK ID: 473104

		CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1P.	4,4'-DDD	BDL	0.10
2P.	4,4'-DDE	BDL	0.10
3P.	4,4'-DDT	BDL	0.10
4P.	ALDRIN	BDL	0.03
5P.	CHLORDANE	BDL	0.12
6P.	DIELDRIN	BDL	0.03
7P.	ENDOSULFAN I	BDL	0.05
8P.	ENDOSULFAN II	BDL	0.10
9P.	ENDOSULFAN SULFATE	BDL	0.05
10P.	ENDRIN	BDL	0.05
11P. 12P.	ENDRIN ALDEHYDE HEPTACHLOR	BDL	0.03
13P.	HEPTACHLOR EPOXIDE	BDL	0.03
14P.	KEPONE EPOXIDE	BDL	0.03
15P.	METHOXYCHLOR	BDL	0.30
16P.	PCB-1016	BDL	0.30
17P.	PCB-1221	BDL BDL	0.50
18P.	PCB-1232	BDL	0.50
19P.	PCB-1242	BDL	0.50
20P.	PCB-1248	BDL	0.50 0.50
21P.	PCB-1254	BDL	0.50
22P.	PCB-1260	BDL	0.50
23P.	TOXAPHENE	BDL	1.00
24P.	ALPHA-BHC	BDL	0.03
25P.	BETA-BHC	BDL	0.03
26P.	DELTA-BHC	BDL	0.03
27P.	GAMMA-BHC	BDL	0.03

(Continued)

# PESTICIDES, METHOD 8080 (Page 2)

SAMPLE IDENTIFIER:

RNDPG, RN09G, RN11G, R0J1G

COMPUCHEM® SAMPLE NUMBER:

472764, 472779, 472790, 472797

COMPUCHEM® BLANK ID:

473104

<u>Surrogate Recovery</u> - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Dibutylchlorendate	117	(48-136)*

\*Advisory surrogate; with the exception of dilutions recovery below 20% requires action step (re-extraction and re-analysis).

#### ORGANOPHOSPHORUS PESTICIDES ANALYSIS - GROUNDWATER

RN09G - Groundwater sample from Monitoring Well NS-9.

RNDPG - Groundwater sample from Monitoring Well NS-9 (Duplicate).

# APPENDIX VIII, IX - ORGANOPHOSPHORUS PESTICIDES, METHOD 8140

SAMPLE IDENTIFIER:

RN09G

COMPUCHEM® SAMPLE NUMBER:

472778

	c -	ONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1P. DIMETHOATE 2P. DISULFOTON 3P. METHYL PARATHION 4P. PARATHION 5P. PHORATE 6P. TETRAETHYLDITHIOPYROPHOSP	HATE (SULFOTEPP)	BDL BDL BDL BDL BDL BDL	0.50 0.50 0.50 0.50 0.50

<u>Surrogate Recovery</u> - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Methidathion	121	(60-120)*

<sup>\*</sup>Advisory surrogate only.

#### APPENDIX VIII, IX - ORGANOPHOSPHORUS PESTICIDES, METHOD 8140

SAMPLE IDENTIFIER:

RNDPG

COMPUCHEM® SAMPLE NUMBER:

472765

	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1P. DIMETHOATE 2P. DISULFOTON 3P. METHYL PARATHION 4P. PARATHION 5P. PHORATE 6P. TETRAETHYLDITHIOPYROPHOSPHATE	BDL BDL BDL BDL BDL (SULFOTEPP) BDL	0.50 0.50 0.50 0.50 0.50

<u>Surrogate Recovery</u> - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Methidathion	115	(60-120)*

<sup>\*</sup>Advisory surrogate only.

## HERBICIDES ANALYSIS - GROUNDWATER

RN01G - Groundwater sample from Monitoring Well NS-1.

#### APPENDIX VIII, IX - HERBICIDES, METHOD 8150

SAMPLE IDENTIFIER: RN01G COMPUCHEM® SAMPLE NUMBER: 477968

	CONCENTRATION (ug/L)	DETECTION† LIMIT (ug/L)
1. 2,4-D	BDL	5.0
2. 2,4,5-TP(Silvex)	BDL	1.2
3. 2,4,5-T	BDL	1.2

<u>Surrogate Recovery</u> - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
2,4-DB	127	(24-154)*

BDL=BELOW DETECTION LIMIT

\*Advisory surrogate only; if recovery < 20%, re-methylation extract; minimum 10% recovery required after re-methylation.

†Detection limits have been adjusted to report variation from the normal sample weight or volume.

#### POLYCHLORINATED DIBENZO-P-DIOXIN/FURAN ANALYSIS - GROUNDWATER

RN01G - Groundwater sample from Monitoring Well NS-1.

RN09G - Groundwater sample from Monitoring Well NS-9.

RNDPG - Groundwater sample from Monitoring Well NS-9 (Duplicate).

RN10G - Groundwater sample from Monitoring Well NS-10.

RN11G - Groundwater sample from Monitoring Well NS-11.

# FORM 1 - QUANTITATION REPORT

Ticket# CW-9245

Project Name: General Electric Company

PAGE 1 of 2 DATE: 02/17/92 LABORATORY: ChemWest

#### TOTAL ANALYTE QUANTITY FOUND

										•						
CLIENT		GC/MS	GC/MS	INST.	2378						(	ppt or	ng/L)			
10.	CW#	DATE	TIME	ID.	TCDD	TOOD	5 055				2378					
<b>科基特和性的的复数种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种</b>	*******	*****	=======			TCDD	PeCDD	HxCDD		OCDD	TCDF	TCDF	PeCDF	HxCDF	HpCDF	OCDF
Method Blank										======						
HOTHOU DIAIK	9245-1MB	02/13/92	11:29	CW-2									化二氯甲基 计计算 化	******		*****
Detection Limit		02/13/32	11:29	UN-Z	ND 0.24	ND 0.24	ND 0.40	ND	ND	ND	ND	ND	ND	ND	ND	ND
RN01G // 477992					<b>9</b> ,24	0.24	0.48	0.40	0.52	0.84	0.13	0.13	0.28	0.25	0.57	0.77
Detection Limit	9245-1	02/13/92	12:10	CW-2	ND	ND	ND	ND	ND	1.6	1.6	8.0	21.6	35.1	11.8	F 0
					0.29	0.41	0.47	0.60	1.1			•			11.0	5.0

# a = MAXIMUM POSSIBLE CONCENTRATION

*C-TCDD:	Carbon	13	labeled	2,3,7,8-tetrachlorodibenzodioxin (12 carbons)
*C-TCDF:	Carbon	13	labeled	2,3,7,8-tetrachlorodibenzofuran (12 carbons)
*C-OCDD:	Carbon	13	labeled	octachlorodibenzodioxin (12 carbons)

Approved by:

# FORM 1 - QUANTITATION REPORT

PAGE 2 of 2

DATE: 02/17/92

LABORATORY: ChemWest

Ticket# CW-9245

Project Name: Compuchem

CL IENT	011#	GC/MS	GC/MS	INST.				UTE ≸ REC ERNAL STA				SURROGATE ACCURACY	*	
精系 化铁 机 化 化 医 经 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化	CW#	DATE	TIME		*C-TCDD		*C-HxCDD	*C-HpCDD	*C-OCDD	*C-TCDF *	C-PeCDF	*CI-TCDD	*CH	*C-HpCDF
Method Blank Detection Limit	9245-1MB	02/13/92	11:29	CW-2	72.3	83 <b>.</b> 9	90.3	71.9			******	<b>海水和油墨油水和油油水</b>		
bereciion Limit						•	• • • • • • • • • • • • • • • • • • • •	/1.5	53.9	69.8	78.4	97.7	96.4	94.4
RN016 // 477992	9245-1	02/13/92	12:10	CW-2	78.0	90.8	06.1							
Netection Limit				-	, 0 , 0	90 <b>.</b> 8	96.1	73.4	50.2	72.0	84.0	95.4	97.0	100

Approved by:

PAGE 1 of 2

DATE: 01/16/92

LABORATORY: ChemWest

Ticket# CW-9136

Project Name: General Electric Company

#### TOTAL ANALYTE QUANTITY FOUND

(ppt or ng/L) **CLIENT** INST. GC/MS GC/MS 2378 2378 ID. CW# DATE TIME ID. TCDD TCDD PeCDD HxCDD HbCDD TCDF OCDD TCDF PeCDF HXCDF HDCDF OCDF Method Blank 9136-IMB 01/02/92 20:44 CW-1 ND ND ND ND ND ND ND ND NO ND ND Detection Limit 0.25 0.25 0.48 0.40 0.74 0.69 0.10 0.41 0.29 0.22 0.45 0.66 RN10G // 472740 9136-1 01/03/92 09:56 CW-1 ND ND ND ND ND ND ND ND ND ONG CMG ND Detection Limit 0.16 0.16 0,35 0.52 0.63 0.63 0.15 0.32 0.27 0.81 1.5 1.0 RNDPG // 472742 9136-2 01/03/92 10:34 CW-1 ND HD ND ND ND ND M ND ND ND ND ND Detection Limit 0.36 0.36 0.52 0.53 0.63 0.89 0.15 0.49 0.32 0.29 0,55 1.0 RN09G // 472744 9136-3 01/03/92 11:11 CW-1 ND ND ND ND ND ND ND CM1 ND ND ND ND Detection Limit 0.51 0.51 0.78 0.60 1.1 1.0 0.31 0.63 0.74 0.44 0.70 1.2 RN11G // 472746 9136-4 01/03/92 11:50 CW-1 ND ND ND ND ND 4.1 ND ND ND CING DING ND Detection Limit 0.28 0.28 0.27 0.56 1.3 0.35 0.58 0.70 1.4 1.1 2.4 ROJIG // 472748 9136-5 01/03/92 12:35 CW-1 ND ND ND ND ND 11D ND ND ND ND ND NO Detection Limit 0.33 0.33 0.62 0.53 0.63 0.75 0.14 0.43 0.29 0.32 0.52 0.79

#### @ = MAXIMUM POSSIBLE CONCENTRATION

\*C-TCDD: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzodioxin (12 carbons)

\*C-TCDF: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzofuran (12 carbons)

\*C-OCDD: Carbon 13 labeled octachlorodlbenzodloxin (12 carbons)

Approved by:

CHEMWEST ANALYTIC, BORATORIES INC.

#### FORM 1 - QUANTITATION REPORT

PAGE 2 of 2

DATE: 01/16/92

LABORATORY: ChemWest

Ticket# CW-9136

Project Name: General Electric Company

ABSOLUTE # RECOVERY of INTERNAL STANDARDS SURROGATE \$ **ACCURACY** 

							0	L. (1) 1/1	10/1100			noodiner		
CL IENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST.		*C-PeCDD	*C-HxCDD	*C-HpCDD	*C-OCDD	*C-TCDF	*C-PeCDF	*CI-TCDD	*C-HxCDD	) *C-HpCDF
经被货款 化氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢氢	**********			*****	*****		**********		******		*********	***********		1株株田町口口口は町は
Hethod Blank Detection Limit	9136-1MB	01/02/92	20:44	CW-1	77.9	91,2	77,2	59.6	43.6	84.8	89.5	101	99.4	106
RN10G // 472740 Detection Limit	9136-1	01/03/92	09:56	CW-1	82.4	94.7	86.1	68.3	47.1	82.7	93.2	99.8	96,6	97.3
RNDPG // 472742 Detection Limit	9136-2	01/03/92	10:34	CW-1	56.3	66.1	69.7	61.1	42.1	60.0	66.8	102	101	94.4
RN09G // 472744 Detection Limit	9136-3	01/03/92	11:11	CW-1	47.3	58.1	61.3	53.7	39.2	51,3	55,3	99.7	102	93.5
RN11G // 472746 Detection Limit	9136-4	01/03/92	11:50	CW-1	71.5	88.4	85.5	66.4	44.2	73,2	86.4	98.4	97.2	97.3
ROJ1G // 472748	9136-5	01/03/92	12:35	CW-1	70.4	72.7	72.1	61.4	45.4	72.6	71.9	100	102	95.6

INTERNAL STANDARDS

\*C-TCDD = 13C12-2378-TCDD

 $^{\circ}C-PeCDD = 13C12-12378-PeCDD$ 

 ${}^{1}C\text{-H} \times CDD = 13C12-123678\text{-H} \times CDD$ 

 ${}^{1}\text{C-HpCDD} = 13\text{C}12-1234678 + \text{HpCDD}$ 

SURROGATES

\*CI-TCDD = 37CL4-2378-TCDD

\*C-HxCDD = 13C12-123789-HxCDD

\*C-PeCDF = 13C12-12378-PeCDF

 $^{1}C-TCDF = 13C12-2378-TCDF$ 

\*C-HPCDF = 13C12-1234678-HpCDF

#### METALS ANALYSIS - GROUNDWATER

RN01G	-	Groundwater	sample	from	Monitoring	Well	NS-1.
RN09G	-	Groundwater	sample	from	Monitoring	Well	NS-9.
RNDPG	-	Groundwater	sample	from	Monitoring	Well	NS-9 (Duplicate).
RN10G	-	Groundwater	sample	from	Monitoring	Well	NS-10.
RN11G	-	Groundwater	sample	from	Monitoring	Well	NS-11.

# 1 CLIENT SAMPLE NO.

	Tu	ORGANIC ANA	LISIS DATA SHE	ET	
					RN01G
Lab Name: COMPU	CHEM LABORA	TORIES	Contract: SW	7-846	
Lab Code: COMPT	Cas	e No.: 5000	SAS No.:	-	SDG No.: 936313
Matrix (soil/wa	ter): WATER			Lab Sampl	e ID: <u>477987</u>
Level (low/med)	: Low			Daha Dama	
·	· LON			Date Rece	ived: 02/01/92
% Solids:	0.0				
Con	centration	Units (ug/L	or mg/kg dry	weight):	UG/L
	CAS No.	Analyte	Concentration	CQ	м
	7429-90-5	Aluminum	136	В	P
	7440-36-0	Antimony	44.0	ַ	P
	7440-38-2		3.0	<u>ש</u>	F
		Barium	71.2	В	P
	7440-41-7		2.0	U	P
	7440-43-9		5.0	U	P
	7440-70-2		89300		P
	7440-47-3	Chromium	5.0	U	P
	7440-48-4		6.0	U	P
	7440-50-8	Copper	12.0	U	P
		Iron	2370		P
	7439-92-1	Lead	2.0	U	F
	7439-95-4	Magnesium	35700		P
	7439-96-5	Manganese	502		P
	7439-97-6		.20	ען	CV
	7440-02-0		30.0	U	P
		Potassium	5480		P
	7782-49-2		4.0	U	F
•		Silver		Ŭ	P
•	7440-23-5	Sodium	36800	E	P
		Thallium	3.0	UWN	F
•		Vanadium	6.0	Ü	P
•	7440-66-6	Zinc	38.9		P
•		Cyanide	•		NR
Color Before: <u>C</u>	OLORLESS	Clarity E	efore: <u>CLEAR</u>	1	 Texture:
Color After: <u>Co</u>	DLORLESS	Clarity A	fter: CLEAR	P	artifacts:
Comments: FORM 1.04 - 1	PAGE 1				

# INORGANIC ANALYSIS DATA SHEET CLIENT SAMPLE NO.

Lab Name: COMPUCHEM	LABORATORIES	Contract: 7	/88	RN09G
Lab Code: COMPU .	Case No.: 5000	7 SAS No.:	SDG	No.: 936302
<pre>Matrix (soil/water):</pre>	WATER		Lab Sample ID:	472781
Level (low/med):	LOW	1	Date Received:	12/20/91
% Solids:	0.0			
Concentr	ation Units (ug/L	or mg/kg drv	weight): NG/L	

CAS No.	Analyte	  Concentration	С	Q	M
7429-90-5	Aluminum	1760		N*	P
7440-36-0	Antimony	60.0	U		P
7440-38-2	Arsenic	6.1	В		F
7440-39-3	Barium	64.9	В		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	72600			P
7440-47-3	Chromium	9.0	Ū	*	P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	18.9	В		P
7439-89-6	Iron	3670			P
7439-92-1	Lead	5.8		N*	F
7439-95-4	Magnesium	30500			P
7439-96-5	Manganese	841			P
7439-97-6	Mercury	.20	U	N	CV
7440-02-0	Nickel	13.0	U		P
7440-09-7	Potassium	4540	В		P
7782-49-2	Selenium	4.0	U		F
7440-22-4	Silver	10.0	U		P
7440-23-5	Sodium	162000		E	P
7440-28-0	Thallium	3.0	U	WN	F
7440-62-2	Vanadium	6.0	Ū		P
7440-66-6	Zinc	49.4			P
	Cyanide				NR

Color	Before:	BROWN		Clarity	Before:	CLOUDY	Texture:
Color	After:	YELLOW	-	Clarity	After:	CLEAR	Artifacts:
Commer FOF	nts: RM 1.04 -	PAGE	1				
-							

# INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: COMPUCHEM	LABORATORIES	Contract: _	7/88	RNDPG
Lab Code: COMPU	Case No.:	50007 SAS No.	: SD	G No.: 936302
Matrix (soil/water):	WATER		Lab Sample I	D: 472767
Level (low/med):	LOW		Date Received	d: 12/20/91
% Solids:	0.0			
Concentr	ation Units (	ug/L or mg/kg dry	weight): UG/	<u>L</u>

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2030	-	N*	P
7440-36-0	Antimony	60.0	U		P
7440-38-2	Arsenic	4.8	В		F
7440-39-3	Barium	67.3	В		P
7440-41-7	Beryllium	1.0	Ū		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	73700			P
7440-47-3	Chromium	9.0	Ū	*	P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	19.6	В		P
7439-89-6	Iron	3980			P
7439-92-1	Lead	6.0		WN*	F
7439-95-4	Magnesium	30800			P
7439-96-5	Manganese	854			P
7439-97-6	Mercury	.20	Ü	N	CV
7440-02-0	Nickel	13.0	U		P
7440-09-7	Potassium	5240			P
7782-49-2	Selenium	4.0	U		F
7440-22-4	Silver	10.0	Ū		P
7440-23-5	Sodium	162000		E	P
7440-28-0	Thallium	3.0	Ū	WN	F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	53.8			P
	Cyanide		$\neg$		NR
			$\dashv$		<del> </del>

Color	Before:	BROWN	******	Clarity	Before:	CLOUDY	Texture:	
Color	After:	YELLOW		Clarity	After:	CLEAR	Artifacts:	
Commer FOF	nts: RM 1.04 -	PAGE	4					
-							***************************************	

#### l INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

	TM	ORGANIC ANA	LISIS DATA SHE	ET				
Lab Name: COMPUC		<b></b>	Cambrast . 7	/O.O		R	N10G	
Lab Name: COMPUC	HEM LABURA	TORIES	Contract: _/	/00				
Lab Code: COMPU	Cas	e No.: 5000	5AS No.:			SDG	No.: 9	36302
Matrix (soil/wat	er): WATER		1	Lab	Sampl	e ID:	47275	5
Level (low/med):	LOW		1	Date	Rece	ived:	12/20	/91
% Solids:	0.0							
Conc	entration (	Units (ug/L	or mg/kg dry	weig	ght):	UG/L		
	CAS No.	Analyte	Concentration	С	Q	М		
†	7429-90-5	Aluminum	3170	l k	1*	P		
†	7440-36-0	Antimony	60.0	U	•	P		
<b>T</b>	7440-38-2	Arsenic	5.2	В		F		
	7440-39-3		287			P		
I	7440-41-7	Beryllium	1.0	U		P		
T	7440-43-9	Cadmium	5.0	U		P		
T	7440-70-2	Calcium	48500		······································	P		
	7440-47-3		9.0	U *	•	P		
	7440-48-4		7.0	U		P		
$\mathbf{I}$	7440-50-8	Copper	31.5			P		
I	7439-89-6	Iron	28600			P		
	7439-92-1		36.7	N	1*	F		
	7439-95-4		8690			P		
1	7439-96-5	Manganese	680			P		
1	7439-97-6	Mercury	.20	UN	<u> </u>	CV		
	7440-02-0		13.0	U		P		
	7440-09-7		5670	<del>                                     </del>		P		
	7782-49-2		4.0	U		F		
	7440-22-4		10.0	U		P		
	7440-23-5		119000	E		P		
	7440-28-0 7440-62-2		7.0	UW	IN	F		
			66.1	В		P		
+	7440-00-0	Zinc Cyanide	00.1	$\vdash\vdash$		NR		
<u>†</u>		Cyanide				INK		
Color Before: BR	OWN	Clarity 1	Before: CLOUDY			Textu	re: _	
Color After: YE	LLOW	Clarity A	After: CLEAR		1	Artif	acts: _	
Comments: FORM 1.04 - P.	AGE 2							

# 1

CLIENT SAMPLE NO.

IN	ORGANIC ANA	LYSIS DATA SHEE	T			
Lab Name: COMPUCHEM LABORA	TORIES	Contract: 7/	88	R	N11G	Santa Santa
Lab Code: COMPU Cas	e No.: 5000	SAS No.:		SDG	No.:	936302
Matrix (soil/water): WATER	:	I	ab Sampl	e ID:	4727	91
Level (low/med): LOW		D	ate Rece	eived:	12/2	0/91
% Solids: 0.0	,					
Concentration	Units (ug/L	or mg/kg dry w	eight):	UG/L		
CAS No.	Analyte	Concentration	CQ	М		
7429-90-5	Aluminum	5200	N*	P		
7440-36-0	Antimony	60.0	U	P		

7440-38-2 | Arsenic 10.3 W 7440-39-3 Barium 85.5 B P 7440-41-7 | Beryllium 1.0 U P 7440-43-9 | Cadmium 5.0 U P 7440-70-2 | Calcium 66000 P 7440-47-3 | Chromium 9.0 U \* P 7440-48-4 | Cobalt 7.0 P 7440-50-8 Copper 39.1 P 7439-89-6 Iron 14500 P 7439-92-1 Lead 21.2 N\* F 28500 7439-95-4 Magnesium P 7439-96-5 | Manganese 731 P 7439-97-6 | Mercury .36 N CV 7440-02-0 Nickel 13.0 U P 7440-09-7 | Potassium 4980 B P 7782-49-2 Selenium 4.0 UW F 7440-22-4 10.0 Silver U P 7440-23-5 Sodium 38100 P

3.0

7.4

82.0

UWN

В

F

P

P

NR

Color	Before:	BROWN	Clarity	Before:	CLOUDY	Texture:	
Color	After:	YELLOW	Clarity	After:	CLEAR	Artifacts:	
Commer FOF		PAGE 3					

FORM I - IN

Thallium

Vanadium

Cyanide

Zinc

7440-28-0

7440-62-2

7440-66-6

## CYANIDE ANALYSIS - GROUNDWATER

RN01G	-	Groundwater	sample	from	Monitoring	Well	NS-1.
RN09G	-	Groundwater	sample	from	Monitoring	Well	NS-9.
RNDPG	-	Groundwater	sample	from	Monitoring	Well	NS-9 (Duplicate).
RN10G	-	Groundwater	sample	from	Monitoring	Well	NS-10.
RN11G	-	Groundwater	sample	from	Monitoring	Well	NS-11.

# 1 CLIENT SAMPLE NO.

	RNO1G						
Lab Name: COMPU	CHEM LABORA	TORIES	Contract: SW	<del>-</del> 84	46		
Lab Code: COMPU	SDG No.: 475301						
Matrix (soil/wa	e ID: <u>477982</u>						
Level (low/med): LOW Date Received: 02/01/92							
			•	<b>-</b>		ivea. Ozjorjou	
% Solids:	0.0						
Con	centration	Unite (na/L	or mg/kg dry	o	iah+\•	IIC / I	
331.		onics (ug/I	or mg/kg dry	we.	raire) .	UG/L	
			_				
,	CAS No.	Analyte	Concentration	С	Q	M	
•	7429-90-5	Aluminum		-		NR	
•	7440-36-0			T		NR	
_	7440-38-2	Arsenic		T		NR	
	7440-39-3	Barium				NR	
•	7440-41-7			1		NR	
-	7440-43-9			1		NR	
-	7440-70-2					NR	
-	7440-47-3	Chromium				NR	
•	7440-48-4	Cobalt				NR	
•	7440-50-8					NR	
-	7439-89-6	Tron				NR	
-	7439-92-1	Lead				NR	
-	7439-95-4					NR	
-	7439-96-5	Manganese				NR	
-	7439-97-6	Mercury				NR	
_	7440-02-0	Nickel				NR	
-	7440-09-7					NR	
-	7782-49-2					NR	
_	7440-22-4	Silver				NR	
-	7440-23-5	Sodium		$\vdash$		NR	
	7440-28-0			$\vdash$		NR	
,	7440-62-2					NR	
-	7440-66-6			$\vdash$		NR	
		Cyanide	10.0	U		AS	
		7	20.0	Ĭ		<del>  •••</del>	
		•		+		<del> </del>	
Color Before: BI	ROWN	Clarity H	Before: <u>CLOUDY</u>		,	Texture:	
		•					

color	Before:	BROWN	Clarity	Before:	CLOUDY	Texture:
color	After:	COLORLESS	Clarity	After:	CLEAR	Artifacts:
Commer FOR		- PAGE 1				

# 1 INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: COMPUG	CHEM LABORAT	TORIES	Contract: 7/8	38	RN09G
Lab Code: COMPU	_ Case	e No.: 33090	SAS No.:	-	SDG No.: <u>75299B</u>
Matrix (soil/wat	ter): WATER		1	Lab Sample	e ID: <u>472782</u>
Level (low/med)	: LOW		I	Date Rece	ived: <u>12/20/91</u>
% Solids:	0.0				
Cond	centration (	Jnits (ug/L	or mg/kg dry w	weight): ]	UG/L
- -	CAS No.	Analyte	Concentration	C Q	м
-	7429-90-5	Aluminum		-	NR
_	7440-36-0	Antimony			NR
		Arsenic			NR
		Barium			NR
	7440-41-7	Berullium			MD

7440-43-9 | Cadmium NR 7440-70-2 | Calcium NR 7440-47-3 | Chromium NR 7440-48-4 Cobalt NR 7440-50-8 Copper NR 7439-89-6 Iron NR 7439-92-1 Lead NR 7439-95-4 Magnesium NR 7439-96-5 Manganese NR 7439-97-6 Mercury NR 7440-02-0 Nickel NR 7440-09-7 Potassium NR 7782-49-2 Selenium NR 7440-22-4 Silver NR

Color Before:	BROWN	Clarity	Before:	CLOUDY	Texture:	
Color After:	COLORLESS	Clarity	After:	CLEAR	Artifacts:	
Comments: FORM 1.04 -	- PAGE 3					

10.0

U

7440-23-5

7440-28-0

7440-62-2

7440-66-6

Sodium

Zinc

Thallium

Vanadium

Cyanide

NR

NR

NR

NR

AS

# 1 INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

NR

AS

Lab Name: COMPU	RNDPG						
Lab Code: COMPU	_ Cas	e No.: 3309	O SAS No.:	****	8	SDG No.: <u>75299B</u>	
Matrix (soil/water): WATER Lab Sample ID: 472770							
Level (low/med): LOW Date Received: 12/20/91							
% Solids:	0.0						
Concentration Units (ug/L or mg/kg dry weight): UG/L							
	CAS No.	Analyte	Concentration	c Q	ı N	1	
	7429-90-5	Aluminum			I N	IR	
	7440-36-0	Antimony				IR	
-	7440-38-2					IR	
	7440-39-3	Barium				IR	
	7440-41-7	Beryllium		<u> </u>		<u>IR </u>	
-	7440-43-9	Cadmium				IR	
-	7440-70-2	Calcium		<del></del>		IR	
	7440-47-3	Chromium	l		11	IR	

7440-48-4 | Cobalt

7440-50-8 | Copper

7439-95-4 Magnesium

7439-96-5 Manganese

7440-09-7 | Potassium

Selenium

Thallium

Vanadium

Cyanide

Silver

Sodium

Zinc

7439-97-6 Mercury

7440-02-0 Nickel

7439-89-6 | Iron

7439-92-1 Lead

7782-49-2

7440-22-4

7440-23-5

7440-28-0

7440-62-2

7440-66-6

Color Before: BROWN Clarity Before: CLOUDY Texture: \_\_\_\_\_

Color After: COLORLESS Clarity After: CLEAR Artifacts: \_\_\_\_

10.0 U

Comments:

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# I CLIENT SAMPLE NO. INORGANIC ANALYSIS DATA SHEET

Lab Name: COMPU	CHEM LABORA	TORIES	Contract: 7/	88	RN10G
Lab Code: COMPU	_ Cas	e No.: 33090	SAS No.:		SDG No.: <u>75299B</u>
Matrix (soil/wa	ter): WATER			Lab Sampl	e ID: <u>472759</u>
Level (low/med)	: LOW			Date Rece	ived: <u>12/20/91</u>
% Solids:	0.0				
Con			or mg/kg dry	weight):	UG/L
	CAS No.	Analyte	Concentration	C Q	м
	7429-90-5	Aluminum			NR
	7440-36-0				NR
	7440-38-2				NR
•	7440-39-3				NR
•	7440-41-7				NR
	7440-43-9				NR
	7440-70-2				NR
-	7440-47-3				NR
•	7440-48-4				NR
	7440-50-8				NR
<b>)</b>	7439-89-6				NR
-	7439-92-1				NR
·		Magnesium			NR
-		Manganese			NR
-	7439-97-6			<del>                                     </del>	NR
-	7440-02-0				NR
-	7440-09-7				NR
- -	7782-49-2				NR
-	7440-22-4				NR
	7440-23-5		•		NR
		Thallium			NR
-		Vanadium			NR
_	7440-66-6	Zinc			NR
_		Cyanide	10.0	U	AS
Color Before: Bl	ROWN	Clarity I	Before: CLOUDY		Texture:
Color After: Co	OLORLESS	Clarity A	After: CLEAR	2	Artifacts:

Comments:

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# 1 INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: COMPU	b Name: COMPUCHEM LABORATORIES Contract: 7/88							
Lab Code: COMPU	_ Case	e No.: 33090	SAS No.:		SDG No.: 75299B			
Matrix (soil/water): WATER Lab Sample ID: 472792								
Level (low/med): LOW Date Received: 12/20/91								
% Solids:	0.0							
Cond	centration T	Units (ug/L	or mg/kg dry v	weight): ]	UG/L			
	CAS No.	Analyte	Concentration	c Q	м			
	7429-90-5	Aluminum			NR			
_	7440-36-0	Antimony			NR			

	7440-38-2	Arsenic		NR
	7440-39-3	Barium		NR
	7440-41-7	Beryllium		NR
	7440-43-9	Cadmium		NR
	7440-70-2	Calcium		NR
	7440-47-3	Chromium		NR
	7440-48-4	Cobalt		NR
	7440-50-8	Copper		NR
	7439-89-6	Iron		NR
	7439-92-1	Lead		NR
	7439-95-4	Magnesium		NR
	7439-96-5	Manganese		NR
	7439-97-6	Mercury		NR
	7440-02-0	Nickel		NR
	7440-09-7	Potassium		NR
	7782-49-2	Selenium		NR
	7440-22-4	Silver		NR
_	7440-23-5	Sodium	-	NR

Color	Before:	BROWN	Clarity	Before:	CLOUDY	Texture:
color	After:	COLORLESS	Clarity	After:	CLEAR	Artifacts:
Commen FOR		- PAGE 5				

25.3

7440-28-0 | Thallium

Vanadium

Cyanide

Zinc

7440-62-2

7440-66-6

NR

NR

NR

#### PHENOLS ANALYSIS - GROUNDWATER

RN01G - Groundwater sample from Monitoring Well NS-1.

RN09G - Groundwater sample from Monitoring Well NS-9.

RNDPG - Groundwater sample from Monitoring Well NS-9 (Duplicate).

RN10G - Groundwater sample from Monitoring Well NS-10.

- Groundwater sample from Monitoring Well NS-11.

RN11G

SAMPLE IDENTIFIER: RN01G

COMPUCHEM SAMPLE NUMBER: 477983

CONCENTRATION

DETECTION LIMIT (mg/L)

(mg/L)

0.010

1. PHENOLS, TOTAL

0.025

SAMPLE IDENTIFIER: RN09G COMPUCHEM SAMPLE NUMBER: 472783

CONCENTRATION DETECTION LIMIT (mq/L)

1. PHENOLS, TOTAL

BDL

0.010

SAMPLE IDENTIFIER: RNDPG COMPUCHEM SAMPLE NUMBER: 472771

CONCENTRATION DETECTION LIMIT
(mq/L) (mq/L)

1. PHENOLS, TOTAL

BDL

0.010

SAMPLE IDENTIFIER: RN10G COMPUCHEM SAMPLE NUMBER: 472760

> CONCENTRATION DETECTION LIMIT (mq/L) (mq/L)

1. PHENOLS, TOTAL

BDL 0.010

SAMPLE IDENTIFIER: RN11G

COMPUCHEM SAMPLE NUMBER: 472793

CONCENTRATION DETECTION LIMIT (mq/L) \_\_\_\_(mq/L)

1. PHENOLS, TOTAL

BDL 0.010

## SULFIDE ANALYSIS - GROUNDWATER

RN01G	-	Groundwater	sample	from	Monitoring	Well	NS-1.
RN09G	-	Groundwater	sample	from	Monitoring	Well	NS-9.
RNDPG	-	Groundwater	sample	from	Monitoring	Well	NS-9 (Duplicate).
RN10G	-	Groundwater	sample	from	Monitoring	Well	NS-10.
RN11G	-	Groundwater	sample	from	Monitoring	Well	NS-11.

# CHEMWEST ANALYTICAL LABORATORIES SULFIDE EPA METHOD 376.1

Date(s) Analyzed: 02/05/92

Case: 9245 PG1

Matrix: Water

Client ID	CHEMWEST ID		Amount Detected (MG/L)	RL (MG/L)
477993 RNOIG	9245-2		5.1	1.0
Client ID	CHEMWEST ID	Spike Conc. (MG/L)	Amount Detected (MG/L)	% Rec.
Method Blank LQCS LQCSD	MB LQCS LQCSD	5.0 5.0	BRL 5.0000 5.0400	100.0% 100.8%

Relative % Difference = 0.8%

BRL: Below Reporting Limit.

Approved by: fix

Date Reported: 02/10/92

REV5:12.91



#### SULFIDE

Date(s) Analyzed: 12/27/91

Case: 9136 Matrix: Water

Client ID	CHEMWEST ID	Amount Detected (MG/L)
472739 RNIOG	9136-1	BRL
472741 RNDPG	9136-2	BRL
472743 RNOGG	9136-3	BRL
472745 RNIIG	9136-4	3.2
472745	9136-4DP	3.2
472747	9136-5	BRL

Client ID	CHEMWEST ID	Spike Conc. (MG/L)	Amount Detected (MG/L)	% Rec.	
Method Blank MBS MBSD	MB MBS MBSD	5.0 5.0	0.1.00	108.8	

Relative % Difference = 1.5%

Client ID	CHEMWEST ID	Spike Conc. (MG/L)	Amount Detected (MG/L)	% Rec.
Matrix Spike Matrix Spike Dup.	9136-4MS 9136-4MSD	5.0 5.0		121.6 135.2

Relative % Difference = 10.6%

The reporting limit for Sulfide is 1.0 mg/L.

BRL: Below Reporting Limit.

Approved by: 1/14.

Date Reported: 12/31/91

REV5:12.91